GEOLOGICAL SURVEY OF ALABAMA

WALTER B. JONES, STATE GEOLOGIST

Information Series 20

INTERIM REPORT ON GROUND-WATER STUDY IN COLBERT COUNTY, ALABAMA

By Hobart B. Harris, Gerald K. Moore
and Lawson V. Causey

Prepared by the
United States Geological Survey
in cooperation with the
Colbert County Board of Revenue
and the
Geological Survey of Alabama

University, Alabama

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LETTER OF TRANSMITTAL

University, Alabama

September 14, 1960

Honorable John M. Patterson

Governor of Alabama

Montgomery, Alabama

Sir:

I have the honor to transmit herewith the manuscript of a report entitled "Interim Report on Ground-Water Study in Colbert County, Alabama" by Hobart B. Harris, Gerald K. Moore, and Lawson V. Causey, with the request that it be printed as Information Series 20 of the Geological Survey of Alabama.

Respectfully,

WALTER B. JONES

State Geologist

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INTERIM REPORT ON GROUND-WATER STUDY IN COLBERT COUNTY, ALABAMA

By Hobart B. Harris, Gerald K. Moore, and Lawson V. Causey

INTRODUCTION

In Colbert County, Ala., large quantities of ground water are used for municipal, industrial, agricultural, and domestic purposes. Increased use of ground water during the past 10 years has created supply problems in Tuscumbia, Cherokee, and Littleville. Droughts have intensified the problems in recent years and these municipalities, as well as residents in other parts of Colbert County, have requested basic ground-water data to aid in development of additional ground-water supplies.

Location and Extent of Area

Colbert County is in northwestern Alabama (fig. 1) and comprises an area of 618 square miles. It is bounded on the north by Lauderdale County, on the east by Lawrence County, on the south by Franklin County, and on the west by the State of Mississippi.

Purpose and Scope of Investigation

The purpose of the detailed ground-water investigation is to determine the quality, quantity, and availability of ground-water in the county and to relate its occurrence and movement to the geology. The work consists of the following main categories:

1. Inventory of selected drilled and dug wells to determine their location and distribution, depth, construction, water level, yield, use, and source of supply.

2. Inventory of selected springs to determine their location and distribution, discharge, water temperature, use, improvements, and source of supply.

3. Test drilling in areas where geologic and hydrologic data are needed.

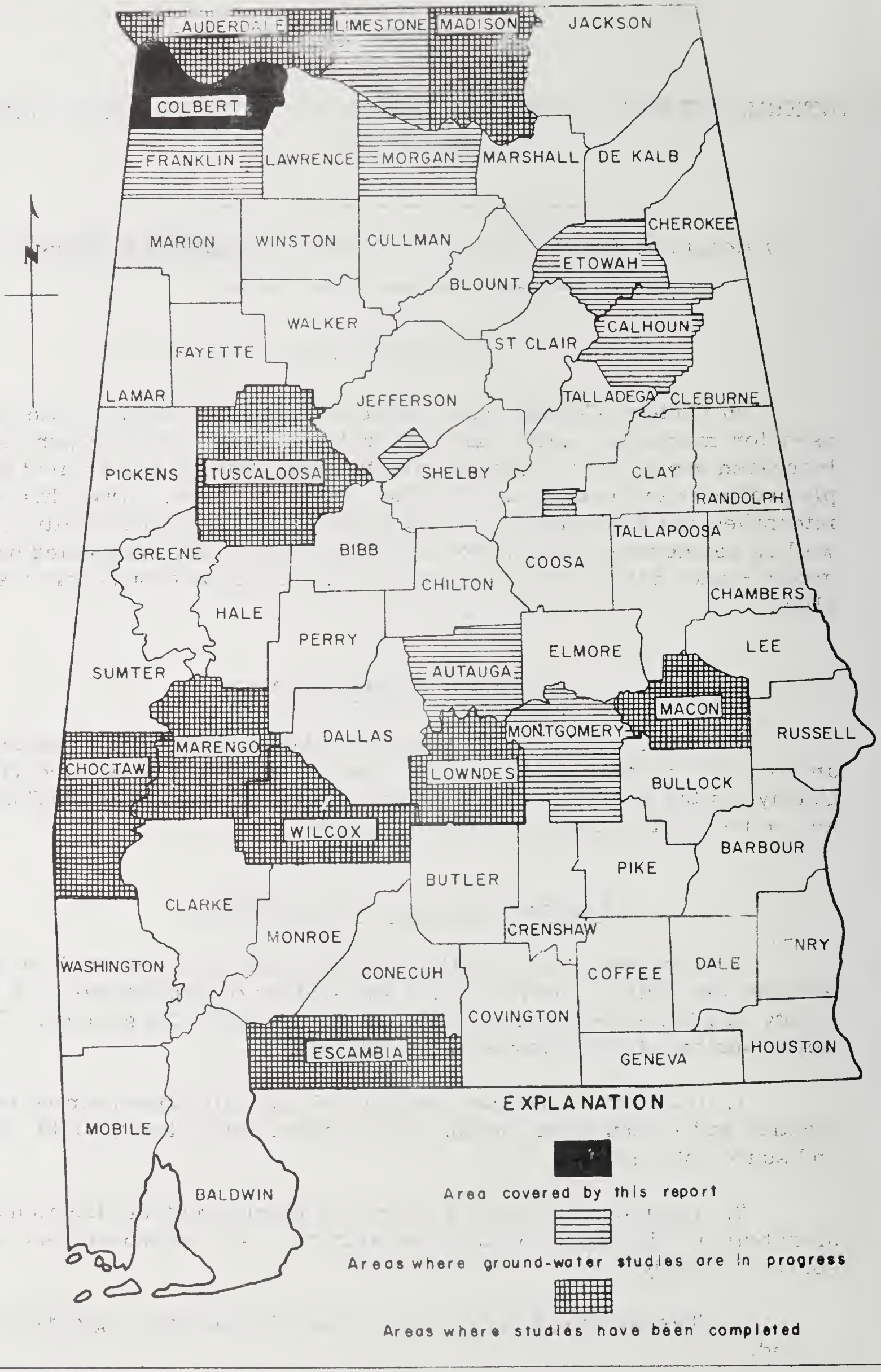


Figure 1- Index map of Alabama showing area covered by this report and areas in which other ground-water studies are in progress.

4. Determination of the thickness, character, distribution and structure of the rock formations; preparation of a detailed geologic map, geologic cross sections, subsurface geologic structure maps, and an isopach map showing thickness of unconsolidated material overlying bedrock.

5. Electric logging of all test wells and selected privately owned wells to aid in the location of solution cavities, and in stratigraphic correlation.

6. Periodic measurement of water levels in wells finished in the principal water-bearing beds, and operation of recording gages in key wells to determine the seasonal fluctuations and the effect of large-scale withdrawals on water levels. From these data, maps will be prepared showing the position of the water table during periods of annual high and low ground-water levels.

7. Pumping tests on selected wells to determine the hydraulic characteristics of principal water-bearing beds.

8. Determination of the chemical quality of water from the principal water-bearing formations.

This report is the second of a series of reports that are designed to supply information as each main phase of the study is completed. The first report contained data on 95 springs in Colbert and Lauderdale Counties, Alabama (Harris, 1957). This report contains data on 917 wells and 38 additional springs in Colbert County. A final comprehensive and interpretive report is also being prepared and will be published when the study is completed.

The ground-water investigation in Colbert County was begun on July 1, 1955, by the United States Geological Survey in cooperation with the Colbert County Board of Revenue and the Geological Survey of Alabama. The work is under the direct supervision of W. J. Powell, district geologist in charge of ground-water investigations in Alabama.

Well-Numbering System

The numbering of wells in Colbert County is based on the Federal system of land subdivision, which provides for the division of public land into townships approximately 36 square miles in area. In the well-numbering system used in this report Colbert County is divided into

townships designated by letters, in alphabetical order, beginning with "A" in the northeast township (fig. 2). The wells and springs within each township are numbered consecutively, each number prefixed by the letter identifying the township, for example, B-1, B-2, B-3.

Acknowledgments

Acknowledgment is made to the residents of Colbert County who furnished information on wells, use of water, and other data, and for making wells available for pumping tests and electric logging. The authors are particularly grateful for the assistance and cooperation given by Mr. Gresham Hale, chairman, and other members of the Colbert County Board of Revenue. The Reynolds Metal Co. supplied logs and other data concerning industrial wells on their property.

GEOGRAPHY

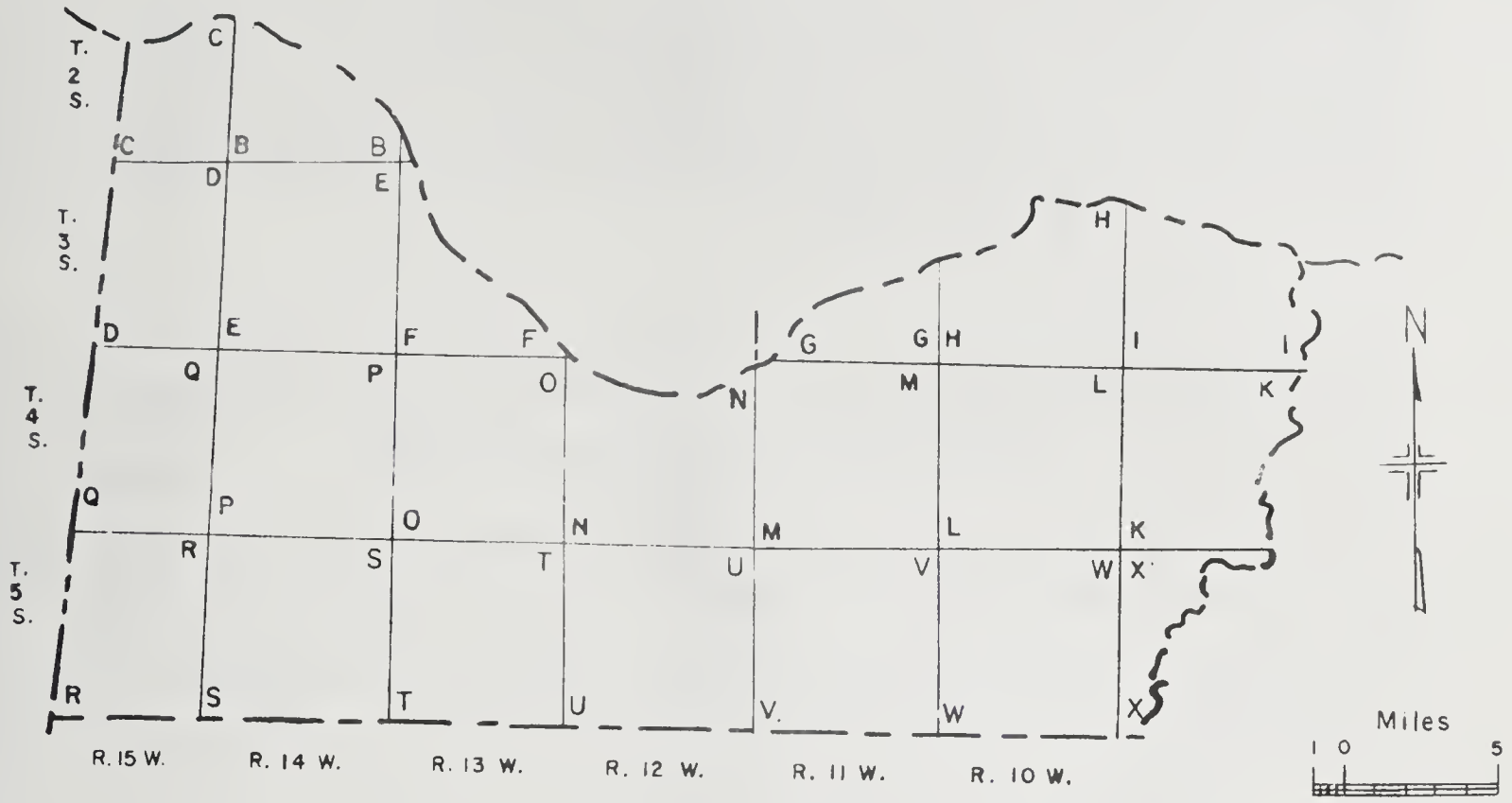
Physiography and Drainage

Most of Colbert County is in the Highland Rim section of the Interior Low Plateaus physiographic province. The northern and northeastern part of the county is flat to gently rolling with only slight relief except along the south bluffs of the Tennessee River, where the relief ranges from 25 to 125 feet. The southwestern part of Colbert County is in the East Gulf Coastal Plain section of the Coastal Plain province. The streams in this area have eroded through the soft Coastal Plain sediments and into the underlying consolidated rocks, producing the most rugged topography in the county. The southern part of the county is a hilly upland terminated at the northern edge by an escarpment about 200 feet high. Locally this upland is known as "The Mountain."

Colbert County is drained by Bear, Buzzard Roost, Rock, Cave, Little Bear, Spring, Poplar, and Town Creeks, which flow generally northward to the Tennessee River, which forms the north boundary of the county. Surface drainage is poorly developed in eastern Colbert County, and most of the precipitation drains to sinkholes.

Climate

Colbert County is in an area of mild humid climate. Temperature records from Muscle Shoals are available for the 69-year period, 1890-



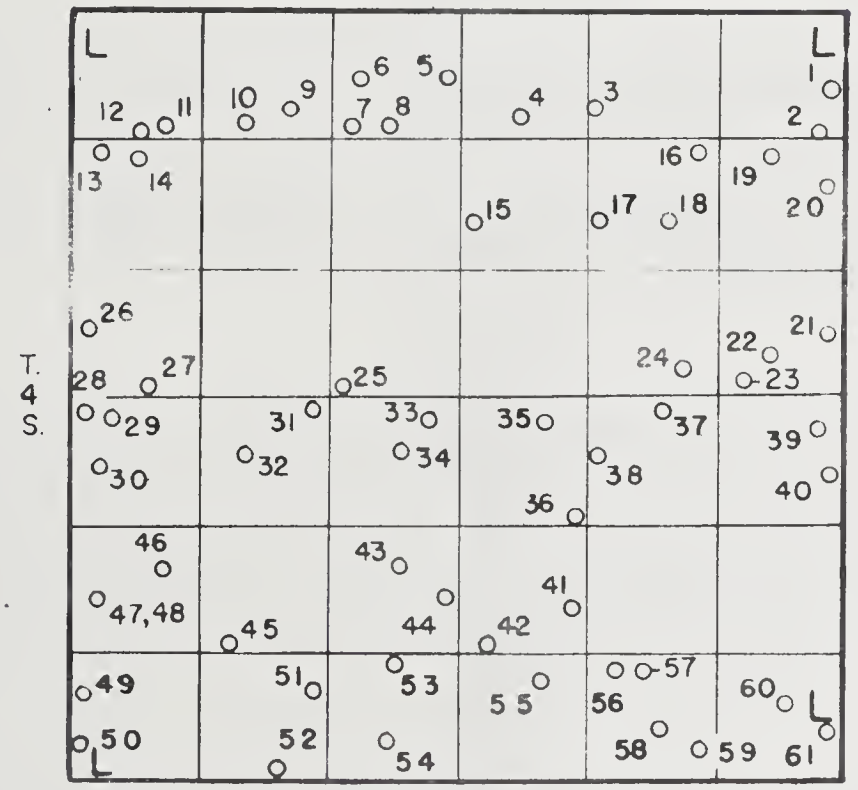


Figure 2.- Diagram showing well-numbering system in Colbert County.

1959, and precipitation records are available for the 75-year period, 1884-1959. The average annual precipitation at Muscle Shoals is 51.67 inches and the average annual temperature is 60°F. Most of the precipitation is in the form of rain, but snow generally occurs about twice a year. The highest average monthly precipitation, 5.71 inches, occurs in March, and the lowest, 2.85 inches, occurs in September. The highest average monthly temperature, 79.6°F, occurs in July, and the lowest, 41.9°F, in January. Freezing temperatures generally do not last more than two consecutive days.

GEOLOGY

General Stratigraphy and Structure

Most of the rocks exposed in Colbert County are of Mississippian age and consist of limestone, cherty limestone, sandstone, shale, and chert. The limestone beds crop out along the middle and lower courses of the larger streams and in the bluffs along the Tennessee River. Massive sandstones cap most of the upland areas in the southern part of the county, and shales occur near the southern boundary.

Most of the hilly uplands in the western and southern parts of the county are capped by beds of sand, gravel, and clay of Cretaceous age. The beds range in thickness from 5 to 75 feet thick; the thickest deposits occurring in the western part of the county.

The rocks dip to the southwest about 30 feet per mile. Steeper dips associated with structural features occur south of Wilson Dam, and near Cherokee and Allsboro. Joints and fractures are numerous throughout the county and strike northwest-southeast at about right angles to the regional dip. They provide openings for the recharge, circulation, and storage of ground water.

Geologic Formations and their Water-Bearing Characteristics [1/]

The oldest formation exposed in Colbert County is the Fort Payne chert of Mississippian age which consists of dense, hard limestone that contains large quantities of hard chert in the form of nodules, lenses,

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1/ The stratigraphic classification used in this report is that of the Geological Survey of Alabama and differs somewhat from that of the U.S. Geological Survey.

and thick massive beds. The thickness of the Fort Payne chert ranges from 184 to 200 feet. It crops out in the bluffs along the Tennessee River from Sheffield eastward to the county line and from north of Cherokee west to the State line. The Fort Payne chert contains numerous solution cavities. Most of these openings occur at a depth of about 100 feet and serve as conduits for movement and storage of large quantities of ground water.

The Fort Payne chert is a productive aquifer in Colbert County and supplies large quantities of water to many municipal, industrial, and private wells (table 1, wells H-52 to H-59 and H-22). Several large springs discharge water from the Fort Payne chert in Colbert County. For example, a spring owned by Leonard Pruitt (I-48) flowed 730 gpm (gallons per minute) on November 28, 1955 from an opening in the Fort Payne.

The Tuscumbia limestone of Mississippian age conformably overlies the Fort Payne chert and consists of about 200 feet of hard gray massive limestone; the lower half contains considerable dark-gray chert. The Tuscumbia crops out in the bluffs along the Tennessee River from a few miles east of Wilson Dam to the Mississippi State line and underlies most of the northern half of the county.

Cavities are extensive in the Tuscumbia limestone at depths of 100 feet or less. They supply large quantities of ground water to wells and springs for municipal, industrial, and domestic use. Tuscumbia Spring (M-20) at Tuscumbia, which issues from a fracture opening in the Tuscumbia limestone, is a source of supply for most of the town's water. Well M-23, which obtains water from cavities in the Tuscumbia, is pumped almost continuously at a rate of 600 gpm and is the source of supply for most of the industrial requirements at the Robbins Tile Co.

The Ste. Genevieve limestone, Bethel sandstone, Gasper formation, Cypress sandstone, and the Golconda formation, undifferentiated, of Mississippian age overlie the Tuscumbia limestone in ascending order and consist of about 180 feet of shale, limestone, and sandstone. These formations probably contain a few openings along joints and bedding planes through which small quantities of ground water move. A few wells drilled into the Gasper and Ste. Genevieve yield water that is highly mineralized and therefore is objectionable for domestic use (W-20). The Golconda is not an aquifer in Colbert County. The Cypress and Bethel sandstones are too thin and discontinuous to be of importance as aquifers.

The Hartselle sandstone of Mississippian age overlies the Golconda formation and crops out in the hilly upland in the southern part of

Colbert County. It consists of 30 to 120 feet of light-tan fine-grained argillaceous massive sandstone which contains small openings along fractures, joints, and bedding planes. The Hartselle is well cemented and does not yield large quantities of water to wells. Well V-83 at Littleville, which obtains water from the Hartselle, is pumped at the rate of 6 gpm, the largest yield known for a well tapping the Hartselle. The average yield is less than 2 gpm.

The Bangor limestone, also of Mississippian age, overlies the Hartselle sandstone and crops out in an east-west band about 4 miles wide just north of the Colbert-Franklin County line. It is absent in the extreme western and eastern parts of the county. The Bangor is composed mostly of shale or calcareous shale and a few massive beds of limestone. Small quantities of water have been developed from openings along joints and fractures in the limestones. Wells U-20, U-21, U-39, and U-41 (table 1) tap the Bangor; U-39 supplies water to the Oak Grove school, which has an enrollment of 115 students. The formation is not extensive in Colbert County, and large supplies of ground water generally are not available from the Bangor.

Sand, gravel, and clay of the Tuscaloosa group of Cretaceous age cover most of the southern and western parts of Colbert County. The thickness of these deposits ranges from 5 to 75 feet. Wells developed in the permeable beds of sand and gravel supply adequate water for domestic or stock use. The yields of the wells range from 5 to 10 gpm.

GROUND WATER

Source and Occurrence

Ground water is the water beneath the land surface in the zone of saturation. In Colbert County ground water is derived mainly from rain falling on the earth's surface and from the melting of occasional snowfalls during the winter.

Water seeping downward from the surface first enters the zone of aeration, which lies between the land surface and the zone of saturation. A part of the water entering the zone of aeration is used to satisfy soil-moisture requirements and is held in this zone by molecular forces, which counteract the force of gravity and tend to hold or retard the downward movement of this water, and a part ultimately percolates downward to the zone of saturation.

The upper surface of the saturated zone, where not confined by an impermeable layer, is called the water table. Water in the saturated zone moves slowly downward and laterally through the rocks in response to gravity. The direction and rate of movement is controlled mainly by topography, distribution of recharge and discharge, geologic structure of the rocks, and the number, size, shape, and interconnection of the voids in the rocks.

Ground water in Colbert County occurs in permeable beds in the weathered material overlying bedrock, in sand and gravel beds in the Tuscaloosa group, and in openings in the limestone, chert, and sandstone.

Ground water in the weathered material overlying bedrock usually occurs in beds of chert gravel or sand 1 to 3 feet thick near the contact with bedrock. Most of the shallower dug wells in the county are finished in the weathered material and the supplies are usually adequate for most domestic requirements.

Southern and western Colbert County is covered by gravel and sand deposits of the Tuscaloosa group that are more porous and permeable than the weathered material overlying the bedrock. In places large quantities of water probably can be obtained from these deposits.

The massive limestones that underlie Colbert County contain many fractures and cavity openings, which serve as conduits for the movement of ground water. Where the fracture and cavity systems are extensive, very large quantities of water can be obtained from wells. However, test drilling is generally necessary in order to locate the openings. Springs occur where the water-bearing openings intersect the land surface, and they are an important source of water for municipal, agricultural, and domestic supplies in Colbert County (pl. 1).

Fluctuations of Water Levels and Spring Discharges

Water levels in wells fluctuate in response to precipitation or a lack of precipitation, discharge from wells or springs, changes in barometric pressure, earth and ocean tides, earthquakes, and loading of the land surface.

Since 1956 monthly water-level measurements have been made in six observation wells, and monthly discharge measurements have been obtained for three springs. Daily water-level measurements have been

made in eight wells, and daily discharge measurements have been obtained for Tuscumbia Spring. The fluctuations in water level in wells M-21 and H-67 are shown in figure 3. These data show a close correlation of water-level fluctuations and precipitation; the lowest water levels occur during periods of minimum rainfall and the highest during the rainy season. The discharge from Tuscumbia Spring (M-20), Baker Bubbling Spring (I-5), and Parker Spring (F-7), and precipitation at Muscle Shoals are shown in figure 4.

Quality of Water

The amount and kind of dissolved matter contained in ground water differ from place to place as a result of many factors such as the type and amount of organic material in the soil zone, the kind of rocks through and over which the water moves, the length of time the water is in contact with the soil or rocks, and the temperature of the water. Chemical analyses of samples from 32 wells and springs are tabulated in table 2. The results of these analyses indicate that the hardness of water in the Fort Payne chert ranges from 60 to 173 ppm (parts per million) and averages 98 ppm; iron content, 0.0 to 0.02 ppm; sulfate, 0.5 to 16 ppm; chloride, 1.0 to 22 ppm; and fluoride, 0.0 to 1.1 ppm. Hardness of water from the Tuscumbia limestone ranges from 112 to 282 ppm and averages 189 ppm; iron content, 0.0 to 0.23 ppm; sulfate, 0.8 to 106 ppm; chloride, 1.0 to 24 ppm; and fluoride, 0.0 to 2.8 ppm. Water from the Tuscaloosa group is softer than from either the Fort Payne chert or Tuscumbia limestone. Water from the Gasper formation and the Ste. Genevieve limestone is generally highly mineralized and unsuitable for domestic use (W-20 and O-23).

SUMMARY AND CONCLUSIONS

Colbert County, in northwestern Alabama, comprises an area of 618 square miles. The area is underlain by beds of limestone, sandstone, shale, and chert of Mississippian age. Moderate to large supplies of ground water are obtainable from cavities and other openings in the limestones. Most of these openings occur at depths of 100 feet or less. Smaller amounts of ground water can be obtained from sand and gravel of the Tuscaloosa group and from the weathered material overlying bedrock.

The ground water ranges in quality from soft to hard, and is moderately low in dissolved solids, sulfate, and chloride.

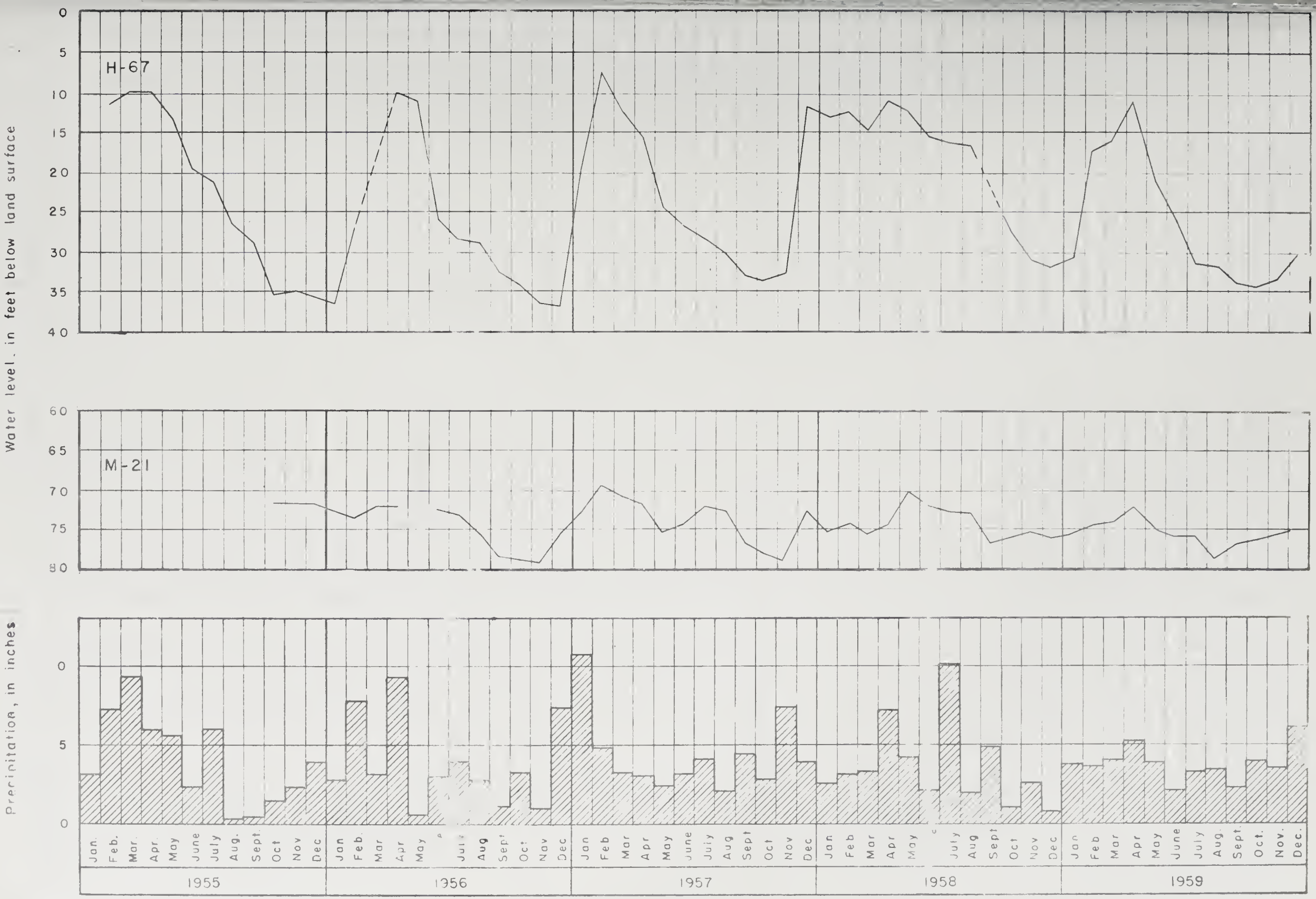

Figure 3.-Hydrographs showing monthly lowest water levels in wells M-21 and H-67 and total monthly precipitation at Muscle Shoals, Ala.

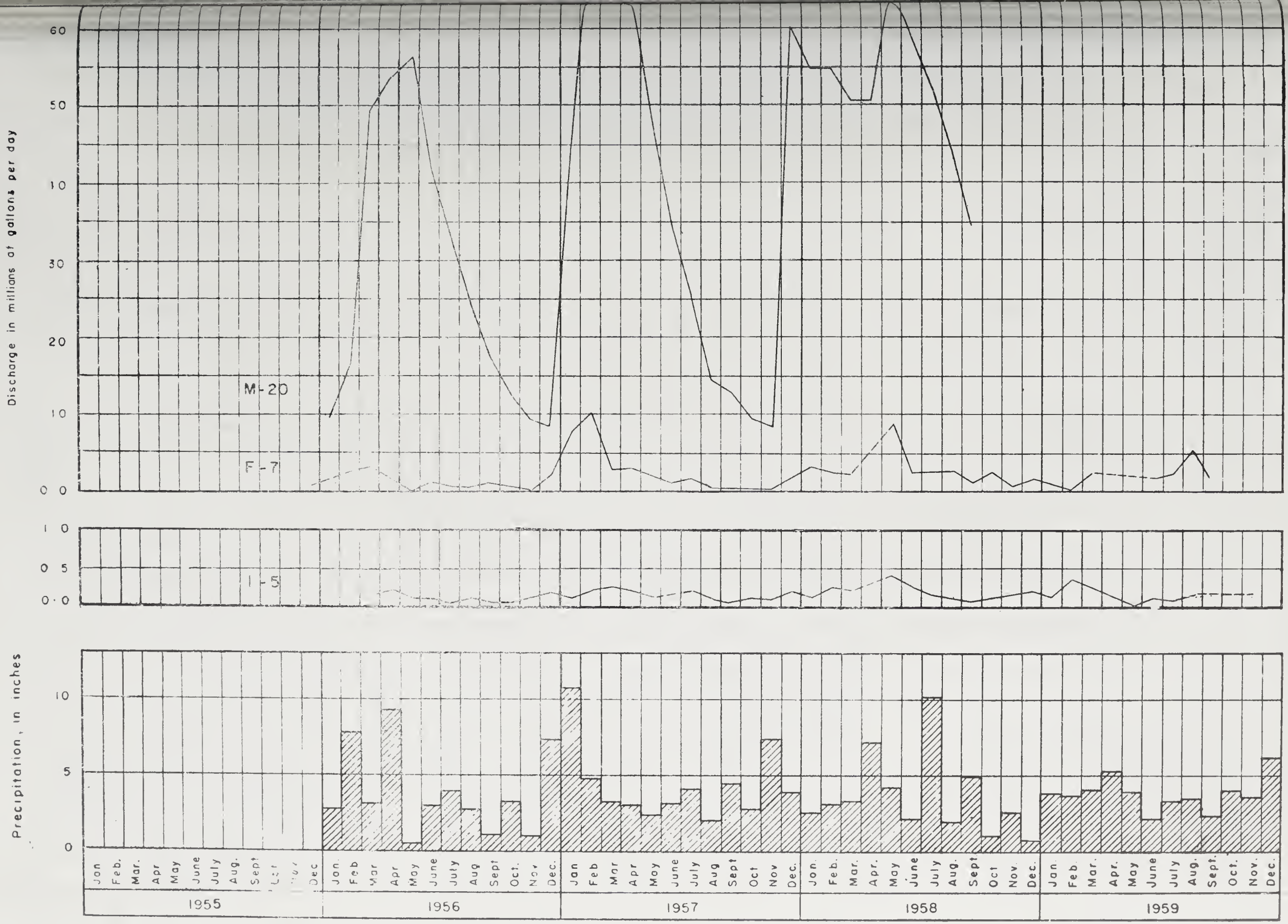

Figure 4.- Hydrographs showing monthly minimum discharge of springs I-5 (Baker Bubbling Spring), F-7 (Parker Spring), and M-20 (Tuscumbia Spring), and total monthly precipitation at Muscle Shoals, Ala.

REFERENCES

Harris, Hobart B., 1957, Springs in Colbert and Lauderdale Counties, Alabama: Alabama Geol. Survey Inf. Ser. 10, 17 p.

Johnston, W. D., Jr., 1933, Ground water in the Paleozoic rocks of northern Alabama: Alabama Geol. Survey Spec. Rept. 16, 414 p.

Table 1. --Records of wells and springs in Colbert County, Ala.

Well or spring no.: Numbers correspond to those in plate 1; asterisk indicates chemical analysis given in table 2.
Type of well: B, bored; D, drilled; Dr, driven; Du, dug; J, jetted; S, spring.
Depth of well and water level: Depths shown in feet reported; those in feet and tenths are measured.
Altitude: Altitudes determined by aneroid barometer.
Method of lift: C, cylinder; F, flows; J, jet; M, manual; P, pitcher; S, submergible; T, turbine.
Use: D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, stock.
Water-bearing formation: Mfp, Fort Payne chert; Mt, Tuscumbia limestone; Ms, Ste. Genevieve limestone; Mbe, Bethel sandstone; Mg, Gasper formation; Mc, Cypress sandstone; Mh, Hartselle sandstone; Mb, Bangor limestone; Kt, Tuscaloosa group undifferentiated; S, soil.

or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface (feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
B- 1	Arthur Lumber Co.	.....	S	.....	...	Kt	580	....	8- 5-29	F	D	62	6	26	Known as "Sprout Spring." Measured flow, 10 gpm on 8-5-29 (Johnston, 1933).
B 2	J. Brown	.....	D	164	3	Kt	803	139	10-21-56	P	D	...	....	....	Supplies 1 family.
B- 3	Jessie L. Worsham	.....	S	.....	...	Kt	680	....	9-16-55	F	D	58	....	....	Known as "Worsham Spring." Estimated flow, 1 gpm on 9-16-55.
B- 4	Anna Dorsey	O. McGuire....	D	.....	6	Kt	577	....	.....	...	D	...	....	....	Supplies 2 families.
B- 5	Fred Vellington...	Eston Hargett...	D	112.5	5	Kt	605	98.8	1-25-56	M	D	60	16	338	Supplies 3 people.
C- 1	.....	.....	Du	21.5	34	Kt	460	14.8	11- 1-56	M	N	...	....	....	
C- 2	.....	.....	Du	.....	...	Kt	435	15.0	.. do. ..	J	D	...	....	....	Supplies 1 family.
C- 3	James Laxon.....	.....	Du	65.5	30	Kt	624	56.6	.. do. ..	M	D	...	....	....	Well not cased. Supplies 1 family.
C- 4	J. E. Tanner.....	.....	Du	32.8	36	Kt	510	25.5	.. do. ..	M	D	...	....	....	Do.
C- 5	--Davis and -- Herald.	.....	S	.....	...	Kt	560	....	9-28-55	F	D	60	9	46	Known as "Hayes Spring." Estimated flow, 2 gpm on 9-28-55.
C- 6	A. Bradfield	.....	Du	50.5	36	Kt	455	40.5	10-17-56	M	D	...	....	....	Well not cased. Supplies 2 families.
C- 7	.....	.....	D	55.5	6	Kt	426	12.8	10-16-56	M	D	...	6	36	Not used in winter. Supplies 2 families in summer.
C- 8	Buck Hannon	.....	S	.....	...	Kt	480	....	8- 5-29	F	D	64.5	....	....	Known as "Royal Spring." Measured flow, 5 gpm on 8-5-29 (Johnston, 1933).
C- 9	John T. George ...	.....	S	.....	...	Kt	475	....	9- 2-55	F	D	62	6	18	Known as "George Spring." Estimated flow, 2 gpm on 9-2-55.

C-10	Cooperage Co.	. . . . .	S	. . . . .	. . .	Kt	500	. . . .	9- 2-55	F	S	59	2	12	Known as "Walker Chapel Spring." Estimated flow, 65 gpm on 9-2-55.
C-11	E. W. Harlan.	. . . . .	Du	23.8	36	Kt	448	17.8	10 17-53	M	D	...	....	....	Supply inadequate.
D- 1	M. Blackwell.	. . . . .	Du	13.5	24	Kt	472	10.0	10-18-56	M	D	...	....	....	Supplies 1 family.
D- 2	L. C. Wilson.	. . . . .	D	37.0	6	Kt	435	11.0	. . do. . .	J	D	...	....	....	Well used only during summer months.
D- 3	J. A. Dabbs.	. . . . .	D	56.5	6	Kt	451	18.9	. . do. . .	J	N	...	....	....	
D- 4	Frank McVay.	. . . . .	Du	35.5	36	Kt	482	29.7	10-21-56	M	D	...	....	....	Supplies 1 family.
D- 5	G. C. Hurd	. . . . .	Du	32.5	35	Kt	453	26.5	. . do. . .	M	D	...	....	....	
D- 6	R. A. Atchley	Bud Copeland. . .	D	119	6	Mt	433	29.0	10-23-56	J	D	...	....	....	Casing: 6-in. to 20 ft.; none below. Water at 105 ft. below land surface.
D- 7	Melvin Harris	. . . . .	Du	38.6	. . .	S	435	37.0	. . do. . .	J	D	...	....	....	Supplies 1 family.
D- 8	Buzzard Roost Camp	. . . . .	D	78.0	6	Mt	480	45.8	10-21-56	J	P	...	....	....	Well used only during summer months.
D- 9	J. N. Hayes.	. . . . .	Du	35.0	36	S	423	31.0	10-23-56	J	D	...	....	....	Supplies 1 family. Casing: 6-in. to 35 ft.; none below.
D-10	Alfred Ferris.	. . . . .	Du	59.4	36	Kt	600	55.0	10-22-56	M	D	...	....	....	Well used only during dry weather.
D-11	Tracy Gargie.	. . . . .	D	99.3	6	Kt	605	93.3	. . do. . .	J	D	61	10	18	Supplies motel.
D-12	R. L. Woodfin	. . . . .	Du	25.0	36	Kt	535	24.2	. . do. . .	M	D	...	....	....	Well not cased.
D-13	B. C. Ballew.	. . . . .	Du	37.3	36	Kt	603	32.0	10-23-56	M	D	...	....	....	Casing: 36-in. to 37 ft.
D-14	Edward Crowell . . .	. . . . .	S	. . . . .	. . .	Kt	480	. . . .	11-14-55	F	D	64	10	16	Known as "Morris Hill Spring." Estimated flow, 2 gpm on 11-14-55.
D-15	Jerry Clark.	Earl Crowden. . .	D	161	6	Kt	493	21.5	10-31-56	J	D	...	....	....	Supplies 1 family. Casing: 6-in. to 21 ft. Sulfurous.
D-16	Guy Ball	. . . . .	D	52.0	6	Mt	477	18.5	. . do. . .	J	D	...	....	....	Supplies 1 family.
D-17	W. L. Ham	. . . . .	D	100.0	6	Mt	454	53.2	10-23-56	M	D	...	....	....	Do.
E- 1	C. R. Posey	. . . . .	D	190	6	Mt	510	90	1- -56	J	D	...	23	168	Well used only during summer months.
E- 2	Mrs. Monk	R. C. Capley. . .	D	256.1	6	Mt	547	74.9	1-25-56	M	D	61	2	238	Supplies 11 people.
E- 3	. . . . .	. . . . .	S	. . . . .	. . .	Kt	450	. . . .	9-27-55	F	S	59	2	118	Known as "Lane Spring." Measured flow, 8 gpm on 9-27-55.
*E- 4	Cooperage Co.	. . . . .	S	. . . . .	. . .	Kt	550	. . . .	11- 8-55	F	N	58	2	8	Known as "Bethune Hollow Spring." Estimated flow, 5 gpm on 11-8-55.
E- 5	Fletcher Bailey . . .	. . . . .	D	99.5	5	Mt	566	89.9	1-24-56	M	D	60	9	362	Supplies 3 families.
E- 6	Hugh Shelton	. . . . .	D	123.7	6	Mt	559	86.6	. . do. . .	M	D	61	0	202	Supplies 1 person.
E- 7	Gorden Worsham . .	Earl Crowden .	D	218	6	Mt	523	70	1- -56	J	D	...	6	238	Supplies 2 families. Casing: 6-in. to 44 ft.; none below.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
E- 8	Oscar Thompson. . .	O. McGuire	D	235	6	Mt	535	82.0	1-24-56	M	D	. . .	. . .	. . .	
E- 9	William Smith	. . . . .	D	73.9	6	Mt	515	54.4	1-20-56	M	D	61	19	194	Supplies 2 families. Casing: 6-in. to 40 ft.; none below.
*E-10	John son	J. Byron Cotton.	D	224.8	6	Mt	541	108.6	1-25-56	M	D	60	30	361	Electric log in files of U.S. Geol. Survey.
E-11	Raymond McCarter.	. . . . .	D	99.1	6	Mt	525	73.3	1-20-56	M	D	61	2	278	Supplies 1 family.
E-12	L. R Turberville . .	R. C. Capley. . .	D	87.4	6	Mt	516	53.9	1-24-56	M	D	61	0	300	Do.
E-13	L D Bendell	. . . . .	D	84.7	6	Mt	523	64.9	1-20-56	M	D	61	0	130	Do.
E-14	. . . . do.	Rhoden Drilling Co.	D	228.0	6	Mt	532	84.5	. . do. . .	M	D S	61	6	404	Supplies 1 family and 20 head of stock.
E-15	Mrs. Monk	. . . . .	D	69.6	6	Mt	517	50.5	1-24-56	M	D	61.5	6	232	Known as "Bailey Pride well." (Johnston, 1933.)
E-16	Dora Redwine.	. . . . .	D	134.4	5	Mt	563	116.8	. . do. . .	M	D	60.5	16	250	Supply inadequate.
E-17	. . . . do	. . . . .	D	128.0	5	Mt	542	70.3	1-30-56	M	D	61	6	98	Supplies 2 families.
E-18	Marcy Turberville. .	Fred Thompson .	D	135.9	6	Mt	576	100.8	1-24-56	M	D	60.5	6	122	Do.
E-19	W. M. Hathcock. . .	Eston Hargett. . .	D	148.5	6	Mt	643	105.8	1-30-56	M	D	61.5	6	576	Supplies 1 family. Water has H_2S odor.
E-20	Dr. C. C. Gesser. .	. . . . .	Du	34.4	36	S	470	16.1	10-30-56	M	D	. . .	. . .	. . .	Supply inadequate.
E-21	Ralph Guthrie.	. . . . .	D	100	6	Mt	487	. . . .	10-31-56	J	D	61	35	202	Supplies 2 families.
E-22	Mrs. Davenport . . .	Fred Thompson .	D	165	6	Mt	543	63.7	10-30-56	J	D	62	85	300	Do.
E-23	O. B. Thompson. . .	Rhoden Drilling Co.	D	122.7	6	Mt	550	49.6	1-30-56	M	N	. . .	. . .	. . .	Casing: 6-in. to 40 ft.; none below. Solution cavities reported at 7 and 40 ft. below land surface.
E-24	C. E. Thompson. . .	. . . . .	D	92.0	6	Mt	532	8.8	. . do. . .	M	D	. . .	. . .	. . .	Supplies 1 family.
E-25	E. J. Tapp	. . . . .	D	122.9	6	Mt	538	64.0	1-16-56	M	D	61	2	262	Supplies 3 families.
E-26	W. C. Nelson.	R. C. Capley. . .	D	116	6	Mt	553	50	1- -56	J	D	. . .	26	420	Supplies 1 family. Casing: 6-in. to 14 ft.; none below.
E-27	Herbert Harris. . . .	. . . . .	D	. . . . .	6	Mt	543	39.2	1-30-56	M	N	. . .	. . .	. . .	Water has H_2S odor.

E-28	Turner Colum . .	R. C. Capley . .	D	97.2	6	Mt	547	58.0	1-30-56	M	D	32	6	186	Supplies 1 family.
E-29	Mrs. Albert Dodds	. . . . .	D	106.0	6	Mt	529	25.3	1-15-56	M	D	62	3	182	Water is reported to have a sulfur taste.
E-30	Mrs. Maggie Burgess.	. . . . .	D	44.1	6	Mt	529	21.7	. . do. . .	M	D	62	9	246	Supplies 1 family.
E-31	Robert Anderson. .	O. McGuire. . . .	D	151.3	6	Mt	592	36.5	1-12-56	M	D	60	9	226	Casing: 6-in. to 12 ft.; none below. Driller's log in files of U.S. Geol. Survey.
E-32	W. A. Malone . . .	Eston Hargett. . .	D	54.8	6	Mt	574	15.9	. . do. . .	M	N	62	19	164	
E-33	A. D. Hayes	R. C. Capley. . .	D	100.1	6	Mt	572	21.5	. . do. . .	M	D	63	6	222	Supplies 2 families.
E-34	T. H. Harrison . .	Chas. Richey. . .	D	179.3	6	Mt	527	96.1	1-30-56	M	D	. . .	. . .	. . .	Supplies 1 family. Casing: 6-in. to 72 ft.; none below.
E-35	C. S. Tigner	. . . . .	D	59.0	6	Mt	564	55.4	10-30-56	M	D	. . .	. .	. . .	Supplies 1 to 6 families.
E-36	H. W. Wallace. . .	. . . . .	Du	18.2	36	Mbe	599	8.6	. . do. . .	M	D	. . .	. . .	. . .	Supplies 2 families.
E-37	H. H. Franks. . . .	. . . . .	D	99.4	6	Mt	552	80.0	. . do. . .	M	D	. . .	. . .	. . .	Supply inadequate.
E-38	W. O. Saunders . .	. . . . .	D	65.4	6	Mt	480	47.7	10-23-56	M	D	. . .	. . .	. . .	Supplies 1 family.
E-39	Mrs. F. E. Ham .	. . . . .	D	38.8	6	Mt	443	35.3	. . do. . .	M	D	. . .	. . .	. . .	Supply inadequate.
E-40	M. A. Woods. . . .	O. McGuire. . . .	D	87.0	6	Mt	475	48.0	10-29-56	J	D	62	10	32	Supplies 3 families.
E-41	Claude Lamb	Mathew Roden . .	D	150.0	6	Mt	504	82.4	10-31-56	M	D	. . .	. . .	. . .	Supplies 1 family.
E-42	Mary Pride	--Thompson. . . .	D	137	6	Mt	479	22	10- -56	M	D	. . .	. . .	. . .	Water is reported to have a sulfur taste.
E-43	W. J. Duncan. . . .	Rhoden Drilling Co.	D	146.6	6	Mt	540	36.6	1-23-56	M	D	62	0	134	Casing: 6-in. to 32 ft.; none below. Electric log in files of U.S. Geol. Survey.
E-44	R. H. Davenport. .	. . . . .	D	500	6	Mt	525	. . . .	10-30-56	J	D	62	14	22	Water is reported to have a sulfur taste.
E-45	Roy Rutland.	Clyde Morgan. . .	D	118.1	6	Mt	534	41.8	1-27-56	J	D	. . .	2	230	Do.
E-46	Elna Harris	. . . . .	D	65.7	6	Mt	556	63.3	. . do. . .	M	N	. . .	. .	. . .	Dry on 11-28-56.
E-47	J. C. Vaughn	. . . . .	D	54.0	4	Mt	516	28.9	1- 9-56	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 30 ft.; none below.
E-48	Mrs. R. R. Cochran	. . . . .	D	54.5	6	Mt	519	42.9	1- 5-56	M	D	2	0	310	Supplies 2 families.
E-49	S. H. Nagle	. . . . .	D	59.5	6	Mt	514	39.1	. . do. . .	J	D	. . .	6	224	Supplies 1 family.
E-50	Morris Johnson . .	. . . . .	D	56.2	6	Mt	489	39.0	. . do. . .	J	D S	. . .	37	228	Water level: 29.48 ft. on 11-28-56.
E-51	Albert Duncan . . .	Eston Hargett. . .	D	29.3	5	Mt	522	18.7	1-10-56	M	N	. . .	. .	. . .	
E-52	Town of Cherokee.	Peerson Drilling Co.	D	200	10	Mt	539	40	1- 5-56	T	P	. . .	.	700	Reported drawdown 35 ft. after pumping 200 gpm for 30 hours.
E-53	. . . . do	R. C. Capley. . .	D	72.7	6	Ms	509	8.4	. . do. . .	. . .	N	. . .	. . .	800	Casing: 6-in. to 12 ft.; none below.
E-54	Martha Malone. . .	. . . . .	D	34.4	5	Mbe	543	11.3	1-10-56	M	N	. . .	. . .	. . .	

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface (feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
E-55	Cliff Alexander. . . .	. . . . .	D	45	6	Ms	524	20	7-15-56	P	N	62	173	290	Water is reported to have salty taste.
E-56	J. F. Pounders . . .	. . . . .	D	46.0	6	Mbe	526	24.9	1-10-56	M	N	62	33	200	
E-57	Earl Lair	. . . . .	D	45.7	6	Mt	508	6.0	1- 6-56	M	N	. . .	. . .	. . .	Measured water level: 12.4 ft. on 11-8-56. Water is reported to have salty taste.
E-58	R. A. Crosswhite. .	R. A. Crosswhite	D	50.2	6	Mt	507	9.4	. . do. . .	M	D	61.5	23	310	Measured water level: 20.5 ft. on 11-8-56.
E-59	Town of Cherokee. .	R. C. Capley. . .	D	93	6	Mt	505	20	. . do. . .	T	P	63	9	400	Pumped at 15 to 150 gpm. Water at 28, 40, and 78 ft.
E-60	N. L. Rich	. . . . .	D	47.0	6	Mt	507	23.7	1- 9-56	. . .	N	. . .	. . .	. . .	Measured water level: 47.3 ft. on 11-28-56.
E-61	E. W. Watts	. . . . .	D	55.4	6	Mt	508	23.2	. . do. . .	M	D	63.5	37	258	Measured water level: 44.7 ft. on 11-11-56.
E-62	Town of Cherokee. .	Thompson Drilling Co.	D	159	10	Mt	495	. . . .	. . . . .	. . .	P	63	9	424	Casing: 10-in. to 12 ft.; none below. Pumped at 20 to 75 gpm. Sulfurous.
E-63	Owen Thomason . . .	. . . . .	D	35.3	6	Mt	501	17.3	1- 9-56	M	N	63.5	12	290	Well dry on 11-8-56.
E-64	F. E. Maudlin	. . . . .	D	48.1	6	Mt	504	20.9	. . do. . .	. . .	N	. . .	. . .	. . .	
*E-65	Town of Cherokee. .	R. C. Capley. . .	D	250	8	Mt	507	22.8	1- 6-56	T	P	63	9	254	Casing: 8-in. to 50 ft.; none below. Pumped at 10 to 135 gpm. Is reported to have sulfur taste. Pumpage data, driller's and electric logs in files of U.S. Geol. Survey.
E-66	Homer Brown.	. . . . .	D	64.0	6	Mt	523	35.7	1-10-56	M	D	60.5	26	356	Supplies 1 family. Sulfurous.
E-67	Anna B. Rutland. . .	Eston Hargett. . .	D	55.7	6	Mt	549	17.8	1-30-56	M	D	62.5	30	166	Supplies 2 families. Sulfurous.
*E-68	U.S. Geol. Survey .	Miller Drilling Co.	D	418.5	6	Mt	490	25.1	5-29-57	. . .	N	61	3	218	Test well 9. Casing: 6-in. to 21 ft.; none below. Driller's, sample, and electric logs in files of U.S. Geol. Survey.
F- 1	Charles Keeton. . . .	Charles Richey. .	D	172.2	6	Mt	506	61.7	1- 9-56	M	D	61	2	116	Casing: 6-in. to 63 ft.; none below.
F- 2	Ellis Nelson.	R. C. Capley. . .	D	126.4	6	Mt	522	78.2	1-16-56	M	D	60	2	162	Supplies 1 family.
F- 3	Jim Smith	. . . . .	D	104.5	6	Mt	527	90.4	. . do. . .	M	D	60	1	164	Do.
*F- 4	Herbert Harris. . . .	Hawley Dodson. .	D	286	6	Mt	415	12.0	11-30-56	. . .	N	63	0	190	Casing: 6-in. to 32 ft.; none below. Reported drawdown 10 ft. after pumping 20 gpm for 24 hours. Electric and sample logs in files of U.S. Geol. Survey.

F- 5	[illegible] Harris. . . .	. . . . .	D	92.5	6	Mt	513	60.2	1-[illegible]-56	M	D S	[illegible]	2	136	Supplies 1 family. Slightly sulfurous.
F- 6	[illegible] Stockwell. . .	Bud Copeland . . .	D	245	6	Mt	495	90	1-26-56	J	D	. . .	16	142	Casing: 6-in. to 95 ft.; none below. Driller reported water at a depth of 220 ft.
F- 7	. . . . .	. . . . .	S	. . . . .	. . .	Mt	420	. . . .	11-16-56	F	D	[illegible]	12	164	Known as "Parker Spring." Measured flow, 242 gpm on 11-16-56. Record of flow on file of U.S. Geol. Survey.
F- 8	Charles Keeton. . . .	Curtis Spangler .	D	146.9	5	Mt	528	84.0	12- 8-55	M	D	60	3	170	Supplies 1 family.
F- 9	Mrs. James Keeton.	. . . . .	D	142.7	6	Mt	543	100.8	. . do. . .	C	D	. . .	3	248	Supplies 2 families. Casing: 6-in. to 70 ft.; none below.
F-10	J. E. Patrick.	R. C. Capley . . .	D	183.6	5	Mt	552	99.3	1-[illegible]-56	J	D S	. . .	2	284	Supplies 2 families and 20 head of stock. Casing: 6-in. to 30 ft.; none below.
F-11	Earl Keeton.	J. Byron Cotton .	D	168.5	[illegible]	Mt	538	118.4	1-20-56	J	D S	. . .	6	298	Casing: 6-in. to 124 ft.; none below. Solution cavities at 55 to 124 ft. below land surface.
F-12	Mrs. Monk	R. C. Capley . . .	D	86.5	6	Mt	542	81.3	1-12-56	M	D	60	47	272	Supply inadequate for 2 families.
F-13	Earl George.	. . . . .	D	53.8	6	Mt	495	48.3	8-24-55	M	D	53.5	0	300	Supplies 1 family.
F-14	H. M. Gilbert	. . . . .	D	81.7	5	Mt	490	77.0	. . do. . .	. . .	N	. . .	. . .	. . .	Dry in summer.
F-15	Jace Coger	. . . . .	D	156.1	5	Mt	523	98.7	8-25-55	M	D	52.5	0	236	Supplies 11 people.
G- 1	Theron Blackwell . .	F. L. Thompson	D	120	6	Mt	500	. . . .	1-22-57	C	Irr	. . .	. . .	. . .	Casing: 6-in. to 60 ft.; none below. Drilled in 1937.
G- 2	Frank Pride.	. . . . .	D	155	8 10	Mt	493	75	1- -57	T	Irr	62	14	130	Reported yield 48 gpm. Drilled in 1927.
G- 3	--Mosley.	F. L. Thompson	D	90	6	Mt	505	. . . .	. . . . .	C	D Irr	. . .	. . .	. . .	Drilled in 1932.
G- 4	Muscle Shoals Rubber Co.	Bud Copeland . . .	D	245	8	Mt	520	100	12- -55	T	Ind	62	35	210	Casing: 8-in. to 40 ft.; none below. Reported yield 13 gpm. Driller reported water at 9[illegible] and 150 ft. below land surface.
G- 5	--McKinney.	J. Byron Cotton .	D	252	6	Mt	515	100.0	1-21-57	J	D	. . .	24	322	Casing: 6-in. to 59 ft.; none below. Driller reported solution cavities at 251 and 252 ft. below land surface.
G- 6	Valco Manufacturing Co.	F. L. Thompson	D	220	10	Mt	495	35	1- -57	T	Ind	. . .	21	178	Drilled in 1954.
G- 7	Martin Stove Co . . .	. . . . do	D	150	6	Mt	490	50	. . do. . .	T	Ind	. . .	21	236	Casing: 6-in. to 60 ft.; none below. Reported yield 60 gpm.
G- 8	Whitefield Lumber Co.	. . . . .	D	155		Mt	494	85	. . do. . .	C	D Ind	. . .	. . .	. . .	Casing: 6-in. to 60 ft.; none below. Solution cavities at 127 and 135 ft. below land surface.
G- 9	Sweet Milk Co	F. L. Thompson	D	200		Mt	485	. . . .	. . . . .	C	Ind	. . .	17	174	Casing: 6-in. to 150 ft.; none below. Drilled in 1945.
G-10	Southern Cotton Oil	. . . . do	D	298	6	Mt	485	. . . .	. . . . .	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 40 ft.; none below. Well dry on 12-3-55.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
G-11	Lucky Minnow Farm	F. L. Thompson	D	200	8 6	Mt	480	30	7- -55	T	Ind	...	...	...	Owner's well 2. Reported yield 125 gpm.
G-12	.... do	.... do	D	215	6	Mt	480	30	.. do ..	T	Ind	64	21	152	Owner's well 1. Reported yield 125 gpm.
G-13	.... do	Bud Copeland...	D	200	6	Mt	480	40	.. do ..	T	Ind	...	...	...	Owner's well 3. Reported yield 125 gpm.
G-14	.... do	.... do	D	200	10	Mt	480	50	.. do ..	T	Ind	...	...	...	Owner's well 4. Reported yield 13 gpm.
G-15	Clifford Barners...	J. Byron Cotton .	D	400	6	Mt	476	57.4	1-18-57	M	N	...	...	...	Casing: 6-in. to 40 ft.; none below. Drilled in 1953.
G-16	Southern Sash of Sheffield.	.... do	D	469	6	Mt	469	81.0	10-22-53	...	N	...	...	...	Casing: 6-in. to 65 ft.; none below. Drilled in 1953-54. Sample log in files of U.S. Geol. Survey.
G-17	--Maddox	F. L. Thompson	D	90	6	Mt	515	....	.....	C	Irr	...	...	...	Drilled in 1930.
G-18	N. A. Underwood ..	.....	Du	45	36	Mt	532	47	10-27-55	J	D	61.2	6	122	Known as "Barry Well." (Johnston, 1933.)
H- 1	--Cunningham	J. Byron Cotton .	D	73	6	Mfp	561	49	3- -56	J	D S	...	9	96	Supplies 3 families and 250 head of stock.
H- 2	Emmitt P. King ...	.....	D	.....	6	Mfp	576	....	.....	J	D	...	...	...	Used only during summer months.
H- 3	Irvin Osborn	J. Byron Cotton .	D	157	6	Mfp	607	72	3- -56	J	D	...	23	80	Supplies 5 people. Drilled in 1955.
H- 4	Paul Minor	Charles Richey..	D	63.0	6	Mfp	524	12.3	3-28-56	...	N	...	...	...	Casing: 6-in. to 30 ft.; none below. Drilled in 1956.
H- 5	Hartwell Gargis ...	.... do	D	86.5	6	Mfp	563	37.5	4- 4-56	...	N	...	...	...	Casing: 6-in. to 47 ft.; none below. Drilled in 1956.
H- 6	Hobart Grissom ...	P. J. Chipolet ..	D	80.1	6	Mfp	545	38.4	3-21-56	...	N	...	...	...	Casing: 6-in. to 61 ft.; none below. Drilled in 1956.
H- 7	G. G. Britton.....	.... do	D	66.0	6	Mfp	521	15.0	.. do ..	...	N	...	...	...	Casing: 6-in. to 40 ft.; none below. Drilled in 1956.
H- 8	J. O. Askin.....	J. Byron Cotton .	D	142	6	Mfp	561	....	.....	J	D	...	2	94	Casing: 6-in. to 60 ft.; none below. Drilled in 1949.
H- 9	Lonnie Ledlow	.... do	D	117	6	Mfp	551	44	3- -56	J	D	..	6	26	Supplies 1 family. Drilled in 1953.
H-10	F. H. Holt.....	.....	Du	38.8	36	S	541	3.9	3-15-56	J	D	...	26	44	Supplies 1 family.
H-11	--Cunningham	Tennessee Valley Authority.	D	88	6	Mfp	583	70	3- -56	J	D S	...	6	56	Supplies 5 families and 200 to 300 head of stock.

H-12	Noah McGee.	J. Byron Cotton .	D	135.0	6	Mfp	550	35.5	3- 1-57	J	D	. . .	. . .	. . .	Casing: 6-in. to 28 ft.; none below. Observation well.
H-13	Fowler School	. . . . do	D	162.1	6	Mfp	565	53.2	2-24-56	J	P	. . .	2	118	Supplies 75 students.
H-14	Jack Reed	Bud Copeland. . .	D	72.2	6	Mfp	540	37.1	2-15-56	J	D	. . .	. . .	. . .	
*H-15	U.S. Government . .	. . . . .	S	. . . . .	. . .	Mfp	. . . .	. . . .	. . . . .	F	N	59	22	89	Known as "TVA Spring." Measured flow, 1,481 gpm on 11-29-55.
H-16	Diamond Alkali Co .	J. Byron Cotton .	D	330	6	Mfp	545	44.2	2-15-56	. . .	N	. . .	7	170	Sample log in files of U.S. Geol. Survey.
H-17	. . . . do	. . . . do	D	283.0	6	Mfp	525	67.1	. . do . .	. . .	P	. . .	. . .	. . .	
H-18	Joseph McCay	. . . . do	D	164	6	Mfp	525	95	10- -55	J	D	. . .	0	36	Supplies 3 people.
*H-19	Town of Muscle Shoals.	. . . . do	D	178	6	Mfp	565	. . . .	. . . . .	J	P	. . .	2	98	
H-20	Samual Griffen . . .	. . . . do	D	170.1	6	Mfp	560	52.2	2-15-56	J	D	62	1	108	Supplies 1 family. Drilled in 19[illegible].
H-21	Edward L. Brewer .	. . . . do	D	120	6	Mfp	541	35	10- -55	J	D	. . .	2	100	Supplies 2 families. Casing: 6-in. to 83 ft.; none below.
H-22	Town of Muscle Shoals.	. . . . do	D	62	6	Mfp	516	10.1	10-31-55	J	P	. . .	2	92	Drilled in 1953.
H-23	J. R. Clemons	J. M. Ferrell . .	D	115	6	Mfp	562	50	2- -56	J	D	. . .	. . .	. . .	Supplies 2 families and store.
H-24	George Haney.	J. Byron Cotton .	D	85	6	Mfp	. . . .	34	. . do . .	J	D	. . .	2	72	Casing: 6-in. to 60 ft.; none below.
H-25	Mrs. Emma Quillon.	J. M. Ferrell . .	D	96	6	Mfp	580	. . . .	. . . . .	J	D	. . .	4	136	Supplies 2 families. Drilled in 1925.
H-26	. . . . .	. . . . .	D	68.9	6	Mfp	568	49.4	2-15-56	. . .	N	. . .	. . .	. . .	
H-27	Louis Martin	. . . . .	D	. . . . .	6	Mfp	590	. . . .	. . . . .	T	D	. . .	. . .	. . .	Supplies 2 families.
H-28	. . . . do	. . . . .	D	. . . . .	6	Mfp	567	. . . .	. . . . .	C	D	. . .	. . .	. . .	
H-29	T. L. Montgomery .	J. Byron Cotton .	D	245	6	Mfp	605	85.2	2-24-56	J	D S	. . .	4	98	Supplies 1 family and 90 head of stock.
H-30	Louis Martin	. . . . .	Du	. . . . .	36	S	580	11.6	3-12-56	. . .	N	. . .	. . .	. . .	
H-31	William Bady.	J. Byron Cotton .	D	99	6	Mfp	564	37	3- -56	J	D	. . .	0	104	Supplies 2 families. Drilled in 1954.
H-32	R. T. Cunningham .	. . . . do	D	184	6	Mfp	568	. . . .	. . . . .	J	D S	. . .	6	148	Supplies 1 family and 250 to 300 head of stock. Pumped continuously during summer months
H-33	L. H. Morgan	Curtis Spangler .	D	100	6	Mfp	572	60	3- -56	J	D	. . .	2	194	Supplies 2 families. Casing: 6-in. to 60 ft.; none below. Water at 79 ft. below land surface.
H-34	Dr. H. A. Griffith .	. . . . .	D	124.1	6	Mfp	541	17.9	3-21-56	J	D S	. . .	13	52	Supplies 8 people and 127 head of stock.
H-35	J. D. Streit.	J. Byron Cotton .	D	157.0	6	Mfp	616	83.6	3-28-56	T	D	. . .	2	126	Supplies 1 family. Drilled in 1955.
H-36	J. R. Romans	. . . . do	D	86	6	Mfp	537	21	3- -56	J	D	. . .	6	180	Casing: 6-in. to 53 ft.; none below. Solution cavities reported at 84.5 and 86 ft. below land surface. Water has H_2S odor.

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
H-37	H. R. Osborn.	J. Byron Cotton .	D	146	6	Mfp	536	. . . . .	. . . . .	C	D	. . .	9	162	Supplies 2 families. Casing: 6-in. to 46 ft.; none below.
H-38	Joe King	. . . . .	D	92.7	6	Mt	549	57.0	3-14-56	J	D S	. . .	19	204	Supplies 1 family. Supplies 200 head of stock in 1954.
H-39	W. J. Baker	J. Byron Cotton .	D	130	6	Mt	540	54	. . do . .	J	D	. . .	. . .	. . .	Supplies 1 family. Water is reported to have H_2S odor and objectionable taste. Drilled in 1952.
H-40	D. A. Palmer	. . . . .	Du	26.0	36	S	559	4.7	. . do . .	M	D	55	6	54	Dry in summer.
H-41	J. E. Palmer.	. . . . .	D	114	6	Mfp	567	. . . . .	. . . . .	J	D	. . .	33	96	Supplies 1 family.
H-42	D. A. Palmer	. . . . .	D	110	6	Mfp	562	. . . . .	. . . . .	J	D	. . .	9	98	Do.
H-43	Robert Chaney	J. Byron Cotton .	D	135	6	Mfp	575	. . . . .	. . . . .	J	D	. . .	9	102	Supplies 6 families.
H-44	J. E. Palmer.	M. H. Palmer . .	D	101	6	Mfp	566	45	3- -56	C	D S	. . .	30	94	Supplies 1 family and 20 head of stock. Casing: 6-in. to 40 ft.; none below. Water is reported to have a metallic taste.
H-45	Virgle Trousdale . .	. . . . .	D	86.9	6	Mfp	559	29.7	3-15-56	J	D	. . .	13	152	Supplies 2 families.
H-46	Edward Comely . . .	Fred Thompson .	D	134.7	6	Mfp	571	45.2	. . do . .	M	D	63	2	72	Supplies 1 family.
H-47	Huston Ledlow	J. Byron Cotton .	D	105.6	6	Mt	571	43.6	. . do . .	M	D	. . .	2	208	Supplies 3 families.
H-48	Charles McDuffy . .	. . . . .	Du	37.5	36	S	561	15.2	. . do . .	M	D	. . .	0	44	Dry in summer.
H-49	Lewis Cottrell	. . . . .	Du	42.5	36	S	541	9.7	. . do . .	M	D	57	78	56	Do.
H-50	Jim Felton.	Curtis Spangler .	D	114	6	Mt	550	45	3- -56	J	D	. . .	0	120	Casing: 6-in. to 50 ft.; none below. Water has H_2S odor.
H-51	Price Counts	. . . . .	D	41.8	6	S	550	21.0	3-15-56	M	D	62	19	92	Supplies 2 families.
H-52	Reynolds Alloys Co.	H. W. Peerson. .	D	250	6	Mfp	541	37.7	7-14-42	T	Ind	62	. . .	. . .	Casing: 6-in. to 65 ft.; none below. Measured drawdown 10.5 ft. after pumping 200 gpm for 36 hours. Sample log in files of U.S. Geol. Survey.
H-53	. . . . do	. . . . do	D	250	10 8	Mfp	542	. . . . .	. . . . .	T	Ind	63	. . .	. . .	Casing: 10-in. to 65 ft.; none below. Reported to have pumped at 500 gpm. Sample log in files of U.S. Geol. Survey.

H-54	Reynolds Alloys Co.	R. W. Peerson.	D	250.0	10	Mfp	541	.....	.....	T	Ind	...	...	...	Casing: 10-in. to 48 ft.; none below. Reported to be pumped at 300 gpm. Sample log in files of U.S. Geol. Survey.
H-55	....do.....	....do.....	D	250	10	Mfp	542	.....	.....	T	Ind	54	...	...	Casing: 10-in. to 79 ft.; none below. Reported to be pumped at 500 gpm. Sample log in files of U.S. Geol. Survey.
H-56	....do.....	....do.....	D	250	10	Mfp	542	.....	.....	T	Ind	...	...	...	Casing: 10-in. to 93 ft.; none below. Reported to be pumped at 500 gpm. Sample log in files of U.S. Geol Survey.
H-57	....do.....	....do.....	D	250	10	Mfp	548	.....	.....	T	N	...	...	...	Casing: 10-in. to 66 ft.; none below Reported to have been pumped at 150 gpm. Supply inadequate for industrial use. Sample log in files of U.S. Geol. Survey.
H-58	....do.....	....do.....	D	250	10	Mfp	543	.....	.....	T	Ind	...	...	...	Casing: 10-in. to 81 ft.; none below. Pumped at 500 gpm. Sample log in files of U.S. Geol. Survey.
H-59	....do.....	....do.....	D	250	12	Mfp	553	70.71	7- 7-54	T	Ind	63	7	152	Casing: 12-in. to 250 ft.; none below. Reported drawdown 66 ft. after pumping 425 gpm for 21 hours. Sample log in files of U.S. Geol. Survey.
H-60	Samuel Griffin	J. Byron Cotton .	D	192.0	6	Mt	520	18.0	1- 3-57	J	D	...	...	...	Electric log in files of U.S. Geol. Survey.
H-61	Dave Newsome....	....do.....	D	43.4	6	Mt	532	7.1	3-23-56	M	D	31	9	46	Supplies 3 families.
H-62	J. W. Stutts.....	Fred Thompson .	D	225	6	Mfp	543	55	3- -56	C	D	...	33	34	Casing: 6-in. to 34 ft.; none below. Supplies 5 families.
H-63	....do.....	....do.....	D	84.4	6	Mfp	542	12.8	3-23-56	...	N	...	...	...	Casing: 6-in. to 34 ft.; none below.
H-64	Eddie Wilson	Bud Copeland...	D	74.5	6	Mt	525	10.8	2-24-56	M	D	51	4	132	Supplies 1 family.
H-65	Dave Henry	J. Byron Cotton .	D	158.8	6	Mt	527	11.7	..do...	M	D	31	6	100	Electric log in files of U.S. Geol. Survey.
H-66	John Harris.....	Bud Copeland...	D	115.7	6	Mt	530	14.4	..do..	M	D	61	5	60	Supplies 5 people.
H-67	Diamond Alkali Co .	....do.....	D	405	6	Mt	528	.....	.....	...	N	...	...	...	Observation well. Sample log in files of U.S. Geol. Survey.
H-68	Alabama-Tennessee Natural Gas Co.	....do.....	D	153	6	Mt	579	18	2- -56	J	Ind	...	...	...	Water becomes turbid when pumped at 200 gpm.
H-69	Robert Newsome...	....do.....	D	.....	6	Mt	523	6.8	2-24-56	M	D	30	6	134	Supplies 8 people. Drilled in 1955.
H-70	C. P. Counts.....	.....	D	60.2	6	Mt	552	42.7	5- 3-56	M	D	32	19	126	Supplies 1 family.
H-71	B. W. Aday.....	Earl Crowden...	D	87.5	6	Mt	530	27.0	3-15-56	M	D	32	33	230	Supplies 1 family. Drilled in 1954.
H-72	Timothy Vinson ...	J. Byron Cotton .	D	180	6	Mt	554	48.0	5- 3-56	J	D	...	9	152	Supplies 12 families. Drilled in 1946.
H-73	C. Davis.....	....do.....	D	153.8	6	Mt	574	45.7	3-15-56	M	N	...	...	...	Drilled in 1947.
H-74	Ernest Uhlman....	.....	D	95.4	6	Mt	578	51.0	5- 8-56	M	D	63	2	83	Supplies 11 people.
H-75	Percy Alexander...	J. Byron Cotton .	D	350	6	Mt	527	88.0	3-23-56	T	D	...	130	52	Supplies 8 people. Casing: 6-in. to 92 ft.; none below. Water at 175 ft. below land surface. Drilled in 1955.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
H-76	Richard Alexander .	. . . . .	D	140	6	Mt	628	30.0	8- 6-29	C	D	30.5	2	84	Johnston, 1933.
H-77	J. D. Alexander . . .	Chipolet Drilling Co.	D	119.2	6	Mt	605	77.1	3-26-56	M	N	. . .	. . .	. . .	Casing: 6-in. to 97 ft.; none below. Drilled in 1953.
H-78	J. T. Alexander . . .	Charles Richey. .	D	136	3	Mt	608	84	11- -55	J	D	. . .	6	102	Supplies 11 people. Drilled in 1955.
H-79	Ernest Uhlman	. . . . .	D	500	6	Mt	642	110.9	3-26-56	M	N	61.5	74	40	Electric log in files of U.S. Geol. Survey.
I- 1	A. W. Todd	J. Byron Cotton .	D	260	6	Mt	591	75	8- -55	J	D	. . .	. . .	. . .	Casing: 6-in. to 32 ft.; none below. Drilled in 1955. Electric log in files of U.S. Geol. Survey.
I- 2	J. G. Baker.	Chipolet Drilling Co.	D	. . . . .	6	Mt	540	. . . .	3-23-56	. . .	D	. . .	. . .	. . .	
I- 3	. . . . do	. . . . .	S	. . . . .	. . .	Mt	500	. . . .	. . . . .	F	S	61	9	30	Known as "Baker Spring 2." Measured flow, 6.7 gpm on 10-26-55.
I- 4	. . . . do	. . . . .	S	. . . . .	. . .	Mt	580	. . . .	. . . . .	F	S	62	6	24	Known as "Baker Spring 1." Measured flow, 8 gpm on 10-26-55.
*I- 5	. . . . do	. . . . .	S	. . . . .	. . .	Mfp	514	. . . .	. . . . .	F	N	60	9	26	Known as "Baker Bubbling Spring." Measured flow, 85 gpm on 10- -55. Discharge measured monthly.
I- 6	. . . . do	. . . . .	D	. . . . .	6	Mt	535	. . . .	4- 1-56	. . .	D	. . .	. . .	. . .	
I- 7	Howard Crowden. . .	. . . . .	D	103	6	Mt	580	77.0	7- 6-56	J	D S	. . .	6	132	Supplies 1 family and 30 head of stock.
I- 8	. . . . .	. . . . .	S	. . . . .	. . .	Mt	530	. . . .	. . . . .	F	S	63	9	20	Known as "Sprout Spring." Estimated flow, 3 gpm on 9-16-55.
I- 9	Homer Davenport . .	. . . . .	D	193. .	6	Mt	622	95.9	7- 6-56	J	D	. . .	6	30	Supplies 1 family. Drilled in 1946.
I-10	R. L. Layton	. . . . .	S	. . . . .	. . .	Mt	540	. . . .	. . . . .	F	S	60	6	38	Known as "Layton Springs." Estimated flow, 2 gpm on 10-25-55.
I-11	H. A. Griffith	. . . . .	D	86.9	6	Mt	558	34.9	7- 6-56	J	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1937.
I-12	M. Gotcher	Curtis Spangler .	D	103	6	Mt	648	78	7- 2-56	J	D	. . .	13	16	Supplies 1 family and store. Casing: 6-in. to 99 ft.; none below. Drilled in 1944.

I-13	. . . . .	. . . . .	S	. . . . .	. . .	Mfp	541	. . . .	. . . . .	F	S	62	2	32	Known as "Mint Spring." Measured flow, 27 gpm on 10-19-55.
I-14	Jerry Baker.	W. Copeland . . .	D	160	6	Mfp	558	80	3-23-56	. . .	D	. . .	. . .	. . .	Supplies 3 people. Drilled in 1955.
I-15	R. A. Jefferys	F. L. Thompson.	D	87	6	Mfp	606	68	3- -56	J	D	. . .	3	80	Supplies 1 family. Casing: 6-in. to 40 ft.; none below. Drilled in 1945.
I-16	Thomas Gargis. . . .	Curtis Spangler .	D	213	6	Mfp	611	121.5	3-27-56	J	D	. . .	57	30	Supplies 4 people. Chattanooga shale at 209 ft. below land surface. Drilled in 1955.
I-17	W. O. Schulte	. . . . do	D	59.8	6	Mfp	598	22.3	. . do . .	J	D	. . .	9	56	Supplies 2 people. Casing: 6-in. to 33 ft.; none below. Drilled in 1949.
I-18	Joe Schulte	Earl Crowden. . .	D	69.8	6	Mfp	609	30.2	. . do . .	J	D	. . .	2	102	Supplies 1 family. Casing: 6-in. to 35 ft.; none below. Drilled in 1954.
I-19	W. L. Schulte	. . . . do	D	99.9	6	Mfp	618	44.4	. . do . .	J	D	. . .	. . .	. . .	Supplies 3 people. Drilled in 1955.
I-20	Colbert County School.	. . . . .	D	100	6	Mfp	629	60	8- -29	C	P	60	. . .	. . .	Reported discharge 20 gpm.
I-21	Reeder Gargas	. . . . .	Du	49.7	6	S	629	33.2	7- 5-56	M	D	. . .	35	18	Supplies 2 families.
I-22	Mrs. Robert Cunningham.	. . . . .	S	. . . . .	. . .	Mfp	575	. . . .	. . . . .	F	S	66	0	26	Known as "Cunningham Spring." Estimated flow, 3 gpm on 9-16-55.
I-23	T. M. Gargis	J. Byron Cotton .	D	100.5	6	Mfp	601	53.3	3-21-56	J	D	. . .	2	114	Supplies 14 people. Casing: 6-in. to 85 ft.; none below. Drilled in 1955.
I-24	Tommy Brown	. . . . do	D	103	6	Mfp	619	53.0	3-23-56	J	D	. . .	2	80	Supplies 1 family. Drilled in 1955.
I-25	W. B. Dodson	F. L. Thompson.	D	53	6	Mfp	558	33	12- -55	J	D	. . .	2	20	Supplies 2 families, store, and fish pond. Casing: 6-in. to 41 ft.; none below. Drilled in 1945.
I-26	T. M. Gargis.	Curtis Spangler .	D	130	6	Mfp	554	27	1955	J	D	. . .	19	8	Supplies 1 family. Casing: 6-in. to 27 ft.; none below. Sulfurous. Drilled in 1948.
I-27	Delaner Alexander .	Chipolet Drilling Co.	D	172	6	Mfp	549	13.1	3-27-56	J	D	. . .	9	12	Supplies 2 families. Casing: 6-in. to 27 ft.; none below. Drilled in 1955.
I-28	J. E. Trousdale . . .	J. Byron Cotton .	D	98	6	Mfp	617	50	10- -53	J	D	. . .	2	60	Supplies 2 families and store. Casing: 6-in. to 98 ft.; none below. Drilled in 1953.
I-29	Robert Latten.	. . . . .	D	36.1	6	Mfp	588	24.6	3-22-56	J	D S	. . .	6	40	Supplies 7 people and 14 head of stock.
I-30	H. E. Jones.	. . . . .	D	99.5	6	Mfp	585	30.2	3-28-56	J	D	. . .	2	130	Supplies 1 family.
I-31	Will Gotcher	F. L. Thompson.	D	81.7	6	Mfp	617	21.0	3-27-56	J	D S	. . .	40	36	Supplies 2 families and 15 head of stock. Casing: 6-in. to 63 ft.; none below. Drilled in 1943.
I-32	R. A. Smith.	W. A. Copeland .	D	99.9	6	Mfp	617	40.5	. . do . .	J	D	. . .	6	176	Supplies 1 family.
I-33	Parker Whitlock . . .	. . . . .	D	150.4	6	Mfp	621	48.5	. . do . .	J	D	. . .	2	148	Supplies 2 families.
I-34	W. C. Carter.	. . . . .	Du	36.9	6	S	633	23.0	7- 5-56	M	D	. . .	42	50	Supplies 1 family.
I-35	W. P. Whitlock . . .	. . . . .	D	92.5	6	Mfp	637	42.5	7- 3-56	J	D S	. . .	20	38	Supplies 3 families. Casing: 6-in. to 60 ft.; none below. Drilled in 1945.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
I-36	John Gargas.	. . . . .	Du	69.9	36	S	646	87.4	7- 5-56	J	D	. . .	13	4	Supplies 2 families.
I-37	Owen Whitlock	. . . . .	D	125.4	6	Mfp	642	74.9	7- 3-54	J	D	. . .	17	60	Supplies 1 family. Casing: 6-in. to 100 ft.; none below. Water has yellow appearance.
I-38	O. J. Whitlock. . . .	. . . . .	D	87	6	Mfp	656	80	7- -54	J	D S	. . .	13	76	Supplies 4 families and 120 head of stock. Drilled in 1920.
I-39	R. J. Leighton. . . .	. . . . .	Du	36.2	36	S	648	25.0	7- 2-56	M	D	. . .	. . .	. . .	Supplies 1 family.
I-40	Marvin Gotcher . . .	. . . . .	D	100	6	Mfp	650	44	. . do . .	J	D	. . .	13	14	Supplies 2 families. Casing: 6-in. to 80 ft.; none below.
I-41	William Brown. . . .	. . . . .	Du	59.0	36	S	643	41.4	7- 5-56	J	D	. . .	13	18	Supplies 1 family.
I-42	Earl Dickerson. . . .	. . . . .	Du	30.2	36	S	589	20.9	. . do . .	M	D	. . .	13	26	Supply inadequate.
I-43	Lydia Call.	. . . . .	Du	34.9	36	S	576	19.9	. . do . .	M	D	. . .	13	18	Do.
I-44	Roxi Ricks	. . . . .	D	90	6	Mfp	564	50	7- 2-56	J	D	. . .	13	32	Supplies 1 family.
I-45	J. Patterson	. . . . .	D	21.2	6	. . .	520	10.9	. . do . .	M	D	. . .	20	22	Do.
I-46	Joe King	. . . . .	D	300	6	Mfp	581	67.0	7- 5-56	M	N	. . .	. . .	. . .	Observation well. Electric log in files of U.S. Geol Survey.
I-47	Edward Martin. . . .	. . . . .	D	93.9	6	Mfp	537	29.6	. . do . .	M	D	. . .	6	20	Supplies 1 family. Casing: 6-in. to 40 ft.; none below. Drilled in 1948.
*I-48	Leonard Pruitt. . . .	. . . . .	S	. . . . .	. . .	Mfp	515	. . . .	. . . . .	F	D S	63	0	66	Known as "Pruitt Spring." Supplies 25 people. Estimated flow, 1,000 gpm on 9-15-55.
I-49	C. Looney.	. . . . .	Du	38.0	36	S	566	29.8	7-17-56	M	D	. . .	20	28	
I-50	Perry King	. . . . .	Du	37.0	36	S	627	20.8	7- 3-56	M	D	. . .	35	68	Supplies 1 family.
I-51	--Thornhill	. . . . .	D	158.5	6	Mfp	637	103.4	. . do . .	J	D	. . .	6	74	Supplies 1 family. Drilled in 1949.
I-52	Louise Davis	. . . . .	Du	28.6	36	S	660	20.7	7- 5-56	M	D	. . .	42	156	Supply inadequate for domestic use.
I-53	B. W. Palmer	. . . . .	D	53.1	6	Mfp	556	12.3	3-28-56	J	D	. . .	0	46	Supplies 1 family.
I-54	Leonard Streit	. . . . .	S	. . . . .	. . .	Mfp	557	. . . .	. . . . .	F	S	62	2	92	Known as "Streit Spring." Estimated flow, 3 gpm on 9-16-55.

I-55	W. C. Lewis	Bud Copeland . . .	D	126.3	6	Mfp	621	79.6	3-28-56	J	D	. . .	6	94	Supplies 2 families. Casing: 6-in. to 101 ft.; none below. Drilled in 1955.
I-56	A. L. Bolds.	. . . . .	D	126.7	6	Mfp	605	63.3	. . do . .	J	D S	. . .	0	62	Supplies 9 people and 20 head of stock.
I-57	Ira Jarmon	F. L. Thompson	D	94.6	6	Mfp	578	53.2	5- 8-56	M	D	61	2	142	Supplies 21 people.
I-58	Roberta Lee.	. . . . .	D	107.0	6	Mfp	649	71.9	7-17-56	J	D	. . .	27	40	Supplies 1 family. Drilled in 1952.
I-59	L. C. Craft	Chipolet Drilling Co.	D	105	6	Mfp	628	51.1	4- 3-56	J	D S	. . .	6	38	Supplies 2 families, 75 chickens, and 5 head of stock. Casing: 6-in. to 104 ft.; none below. Drilled in 1953.
I-60	Felix Reed.	J. Byron Cotton .	D	311	6	Mt	606	97.1	5- 8-56	J	D	. . .	139	90	Supplies 2 families. Drilled in 1950.
I-61	Edward Lewis	Curtis Spangler .	D	114.2	6	Mt	611	56.8	. . do . .	M	D	62.5	9	124	Supplies 21 people. Drilled in 1946.
I-62	E. V. Blyth.	. . . . .	D	176	6	Mt	646	76	. . do . .	J	D S	. . .	13	64	Supplies 1 family and 40 head of stock. Casing: 6-in. to 120 ft.; none below. Drilled in 1955.
I-63	Jolsen Carr.	. . . . .	D	87.5	6	Mt	586	57.1	7-17-56	J	D	. . .	20	68	Supplies 6 families. Drilled in 1950.
I-64	John Davenport. . . .	Charles Richey. .	D	149.9	6	Mt	580	26.3	5-16-56	J	D S	. . .	13	130	Supplies 2 families and 12 head of stock. Drilled in 1955.
I-65	Wesley Hamper . . .	. . . . .	Du	51.9	6	S	584	48.5	7-17-56	M	D	. . .	27	64	
K- 1	Percy Alexander. . .	J. Byron Cotton .	D	124.0	6	Mt	547	25.4	5-16-56	. . .	N	. . .	. . .	. . .	
K- 2	William Davenport .	. . . . .	D	64.3	6	Mt	571	53.5	. . do . .	M	D	62	16	94	Supplies 3 people.
K- 3	Charles King	. . . . .	D	123.7	6	Mt	573	54.1	. . do . .	J	D	. . .	6	156	Supplies 6 people.
K- 4	P. D. Austin	W. Copeland . . .	D	100	6	Mt	580	43.4	5- 8-56	T	D S	. . .	. . .	. . .	Supplies 8 people and 1,000 chickens. Bedrock at 74 ft. Drilled in 1955.
K- 5	L. B. Ingram.	J. Byron Cotton .	D	156.9	6	Mt	594	56.4	5- 9-56	M	D	61	6	102	Supplies 2 people. Drilled in 1946.
K- 6	Lawrence King. . . .	. . . . .	D	400	6	Mt	577	35.0	. . do . .	M	D	62	6	104	Supplies 9 people. Electric log in files of U.S. Geol. Survey.
K- 7	John Hallberg.	. . . . .	D	88.4	6	Mt	589	51.1	. . do . .	M	D	62	9	148	Supplies 25 people.
K- 8	Paul King	. . . . .	D	80.8	6	Mt	592	64.6	. . do . .	M	D	62	6	140	Supplies 5 people.
K- 9	W. D. McCarty . . .	Charles Richey. .	D	148	6	Mt	597	48	5-15-56	J	D	. . .	. . .	. . .	Supplies 1 family. Casing: 6-in. to 50 ft.; none below. Bedrock at 40 ft. Drilled in 1956.
K-10	J. C. Fennel	. . . . .	D	171.3	6	Mt	594	49.2	5-16-56	M	D	61	19	178	Supplies 10 people.
K-11	Mrs. Maude Fennel	. . . . .	D	85.0	5	Mt	580	42.2	5- 9-56	M	D	. . .	13	78	Supplies 3 people. Water reported to have a yellow color.
K-12	Vernon Crockett. . .	. . . . .	D	153.4	6	Mt	586	59.4	5-16-56	M	D	62	19	210	Supplies 12 people. Electric log in files of U.S. Geol. Survey.
K-13	R. L. Laton.	. . . . .	D	72.2	6	Mt	583	58.9	. . do . .	J	D	. . .	30	116	Supplies 24 people.
K-14	J. C. Fennel	. . . . .	D	43.2	5	Mt	533	12.4	. . do . .	J	D	. . .	30	130	Supplies 14 people. Water becomes muddy following rain.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
K-15	Ernest Cal.	. . . . .	D	30.6	5	Mt	536	14.5	5-16-56	M	D	59	88	252	Supplies 2 people.
K-16	W. A. Pullen	. . . . .	D	103.1	6	Mt	536	11.3	. . do . .	J	D S	. . .	33	106	Supplies 25 people and 100 head of stock.
K-17	Mrs. Percy Alexander.	. . . . .	D	65.6	5	Mt	576	53.3	5-18-56	. . .	N	. . .	. . .	. . .	
K-18	Leslie King	. . . . .	D	73.8	6	Mt	592	44.3	5-16-56	M	N	. . .	. . .	. . .	
K-19	Wesley Smith	W. Copeland . . .	D	100	6	Mt	609	67.0	5-18-56	C	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1925.
K-20	C. C. King	Curtis Spangler .	D	64.1	6	Mt	586	6.9	. . do . .	M	D	61	78	158	Supplies 2 people. Drilled in 1948.
*K-21	City of Leighton . . .	Peerson Drilling Co.	D	. . . .	. . .	Mt	587	. . . .	. . . . .	T	P	62	6.0	180	City well.
K-22	Leslie King	. . . . .	D	131.8	6	Mt	598	60.6	5-18-56	M	D	62	9	188	Supplies 5 people.
K-23	. . . . do	. . . . .	D	53.3	6	Mt	574	45.4	. . do . .	M	D	62	9	116	Supplies 8 people.
K-24	Mrs. Fritts Delony .	. . . . .	D	73.2	5	Mt	581	50.9	. . do . .	M	D	62	9	116	Supplies 15 people.
K-25	J. M. Lyles.	. . . . .	D	57.8	6	Mt	574	46.3	. . do . .	M	D	62	9	116	Supplies 8 people.
K-26	L. H. King, Jr. . . .	. . . . .	D	41.2	5	Mt	552	22.1	. . do . .	M	D	60	6	154	Supplies 6 people.
K-27	J. Byron Cotton . . .	J. Byron Cotton .	D	59.3	5	Mt	565	33.7	5-21-56	. . .	N	. . .	. . .	. . .	
K-28	. . . . do	. . . . do	D	107.5	6	Mt	582	49.7	. . do . .	T	D	. . .	9	180	Supplies 5 people. Sulfurous.
K-29	C. C. King	. . . . .	D	76.3	6	Mt	578	31.5	. . do . .	. . .	N	. . .	. . .	. . .	
K-30	Mrs. W. B. Alsobrook.	. . . . .	D	56.9	5	Mt	605	38.0	5-22-56	M	D	63	64	224	Supplies 1 family.
K-31	Ben Fennel	. . . . .	D	46.0	5	Mt	597	31.8	5-21-56	M	D	63	43	168	Supplies 5 people.
K-32	Richard Pruitt	. . . . .	D	110.9	6	Mt	576	28.4	5-22-56	M	D	62	16	170	Supplies 7 people.
K-33	Grady Ford	J. Byron Cotton .	D	87.2	6	Mt	579	13.9	. . do . .	M	D	60	6	114	Supplies 3 people.
K-34	Oscar Posey	. . . . .	D	80.9	6	Mt	586	15.9	5-23-56	J	D S	. . .	6	142	Supplies 18 people, store, and 25 head of stock.

K-35	Curtis Spangler . . .	. . . . .	D	51.4	6	Mt	590	12.9	5-23-56	M	D	59	132	248	Supplies 4 people.
K-36	C. C. King	. . . . .	D	71.7	6	Mt	584	46.6	5-21-56	M	D	62	6	110	Supplies 1 family.
K-37	J. W. Crowden. . . .	Rhoden Drilling Co.	D	75.2	5	Mt	584	47.2	. . do . .	M	D	62	6	282	Do.
K-38	Mrs. Maud Fennel .	. . . . .	D	124.8	6	Mt	578	42.0	. . do . .	M	D	61	26	292	Supplies 6 people.
K-39	C. C. King	. . . . .	D	71.2	5	Mt	568	41.1	. . do . .	. . .	N	. . .	. . .	. . .	
L- 1	Esthey Counts	. . . . .	D	128.4	6	Mt	553	29.8	5- 8-56	. . .	N	. . .	. . .	. . .	Water level at 32.02 ft. on 3-1-57.
L- 2	John Counts	. . . . .	D	105.3	6	Mt	586	51.7	5- 3-56	M	D	62	16	140	Supplies 5 people.
L- 3	Ernest Uhlman	. . . . .	D	77.9	6	Mt	538	20.6	. . do . .	M	D	. . .	13	142	Supplies 26 people.
L- 4	Harrel Sargeant . . .	. . . . .	D	90.6	6	Mt	550	31.1	5- 8-56	J	D	. . .	6	162	Supplies 5 people.
L- 5	C. P. Counts	. . . . .	D	130.1	6	Mt	542	29.5	5- 3-56	M	D	63	6	160	Supplies 9 people. Drilled in 1950.
L- 6	. . . . do	. . . . .	D	142.1	6	Mt	527	16.5	5- 8-56	M	D	60	6	220	
L- 7	. . . . do	. . . . .	D	81.4	6	Mt	531	34.6	5- 3-56	M	D	62	2	164	Supplies 10 people.
L- 8	. . . . do	. . . . .	D	80.6	6	Mt	543	46.9	. . do . .	M	D	62	9	216	Supplies 2 families.
L- 9	. . . . do	. . . . .	D	99.7	6	Mt	546	53.1	. . do . .	J	D	. . .	6	166	Supplies 4 families.
L-10	. . . . do	Rhoden Drilling Co.	D	117.8	6	Mt	529	36.8	. . do . .	M	D	61	2	154	Supplies 23 people. Drilled in 1940.
L-11	J. C. Bradford . . .	. . . . .	D	70	6	Mt	532	45	8- 4-29	J	D	61	16	158	Supplies 5 families. (Johnston, 1933.)
L-12	Clarence Phillips . .	J. Byron Cotton .	D	95	6	Mt	532	. . . .	10-27-55	C	D	. . .	6	336	Supplies 2 families. Drilled in 1951.
L-13	J. W. Hobgood. . . .	. . . . .	D	129.9	6	Mt	536	89.0	10-26-55	M	N	. . .	. . .	. . .	Observation well.
L-14	George Branscomb .	Rhoden Drilling Co.	D	170	6	Mt	533	58	10-27-55	C	D	. . .	19	60	Supplies 6 people. Drilled in 1945.
L-15	C. P. Counts	. . . . .	D	56.6	6	Mt	529	13.9	5-10-56	M	D	61	2	136	Supplies 6 people.
L-16	Robert Cambell . . .	. . . . .	D	63.6	6	Mt	548	22.8	5- 3-56	M	D	61	12	160	Supplies 7 people.
L-17	C. P. Counts	. . . . .	D	74.5	6	Mt	537	18.5	5-10-56	M	D	62	9	174	Supplies 3 people.
L-18	Jim Kirk Fennel . . .	. . . . .	D	120.4	6	Mt	548	27.5	5-15-56	J	S	. . .	2	166	Supplies 40 head of stock.
L-19	Rebecca Riley	. . . . .	D	65.7	5	Mt	559	27.9	5- 3-56	M	D	62	9	102	Supplies 12 people.
L-20	Jim Kirk Fennel . . .	. . . . .	D	83.8	5	Mt	587	59.0	5-15-56	M	D	63	19	138	Supplies 1 family.
L-21	. . . . do	. . . . .	D	20.4	5	S	576	2.6	. . do . .	. . .	N	. . .	. . .	. . .	
L-22	Leighton Negro School.	J. Byron Cotton .	D	402.0	8	S	520	5.2	3-13-57	. . .	N	61	. . .	. . .	Estimated yield, 3 gpm on 3-13-57. Sample log in files of U.S. Geol. Survey.
L-23	B. B. Hawkins	. . . . .	D	68.9	6	Mt	547	7.2	5-14-56	M	D	. . .	16	94	Supplies 7 people.
L-24	Ella King	J. Byron Cotton .	D	144.7	6	Mt	542	12.7	. . do . .	M	D	. . .	9	126	Supplies 11 people. Drilled in 1949.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
L-25	Madeline Aycock . .	. . . . .	D	. . . .	5	Mt	515	10.0	. . . . .	J	D	. . .	19	176	Supplies 3 people.
L-26	K. D. Bruton	Bud Copeland . . .	D	89.3	6	Mt	507	53.6	10-26-55	. . .	N	. . .	. . .	. . .	Drilled in 1955.
L-27	John Johnson	. . . . .	D	. . . .	6	Mt	512	. . . .	. . . . .	J	D	. . .	2	206	Supplies 8 people.
L-28	L. H. McReynolds .	J. Byron Cotton .	D	82	6	Mt	517	. . . .	. . . . .	J	D	. . .	2	172	Supplies 3 people. Drilled in 1921.
L-29	Jim C. Fennel	. . . . .	D	109.0	6	Mt	515	55.5	10-14-55	C	D S	. . .	2	152	Supplies 12 people and 40 head of stock.
L-30	A. L. Keenum	Bud Copeland . . .	D	77	6	Mt	506	35	8- -54	T	Irr	62	2	204	Casing: 6-in. to 26 ft.; none below. Reported yield, 110 gpm in Aug. 1954. Cavity at 72-77 ft.
L-31	M. H. Kidd	Fred Thompson .	D	131.1	6	Mt	522	13.7	5-10-56	J	D S	. . .	6	156	Casing: 6-in. to 30 ft.; none below. Supplies 7 people and 75 head of stock. Drilled in 1938.
L-32	J. L. Johnson	. . . . .	D	134.3	6	Mt	529	28.8	6- 4-56	J	D	. . .	9	90	Supplies 5 people.
L-33	Homer Isbell	. . . . .	D	84.2	6	Mt	536	18.8	5-10-56	M	D	62	9	160	Supplies 6 people.
L-34	. . . . do	. . . . .	D	71.6	6	Mt	530	27.6	5-31-56	. . .	N	. . .	. . .	. . .	
L-35	Jim Kirk Fennel . . .	. . . . .	D	60.2	6	Mt	540	21.4	5-10-56	. . .	N	. . .	. . .	. . .	
L-36	Mauldin Fennel . . .	. . . . .	D	64.1	6	Mt	552	31.8	5-28-56	M	D	62	19	106	Supplies 18 people.
L-37	Jim Kirk Fennel . . .	. . . . .	D	129.1	6	Mt	545	20.0	5-15-56	M	D	62	23	172	Supplies 17 people.
L-38	Mrs. Mary Sewell. .	. . . . .	D	44.6	6	Mt	541	20.6	5-28-56	M	D	. . .	16	120	Supplies 4 people.
L-39	Mrs. Mary Fennel .	. . . . .	D	65.0	6	Mt	. . .	45.0	7-15-55	. . .	N	. . .	. . .	. . .	
L-40	Mrs. John Fennel . .	. . . . .	D	53.1	5	Mt	565	17.8	5-22-56	M	D	60	6	78	Supplies 5 people.
L-41	W. H. Gargis.	Bud Copeland . . .	D	92.9	6	Mt	556	31.5	5-28-56	J	D	. . .	23	136	Supplies 5 people. Casing: 6-in. to 30 ft.; none below. Drilled in 1949.
L-42	John Gargis	. . . . .	D	103.7	6	Mt	571	49.7	5-31-56	M	D	. . .	23	136	Supplies 6 people.
L-43	Travis Isbell	. . . . .	D	137.0	6	Mt	554	41.2	. . do . .	T	D	. . .	19	162	Supplies 24 people.
L-44	Mrs. D. Sockwell . .	. . . . .	D	95.9	6	Mt	575	55.2	. . do . .	M	D	63	23	90	Supplies 8 people.

L-45	Thomas Bickley . . .	. . . . .	D	96.4	6	Mt	594	79.0	6- 1-56	M	D	61	19	358	Supplies 5 people. Sulfurous.
L-46	Ruby Brown	. . . . .	D	119.6	5	Mt	540	45.6	. . do . .	M	D	62	57	402	Supplies 5 people.
L-47	. . . . do	Bud Copeland . . .	D	265	6	Mt	543	. . . .	10-14-55	C	D S	. . .	19	280	Casing: 6-in. to 60 ft.; none below. Drilled in 1954.
L-48	. . . . do	. . . . .	D	69	6	Mt	543	. . . .	. . do . .	M	D	. . .	. . .	. . .	
L-49	W. W. McDonald . .	Bud Copeland . . .	D	93.8	6	Mt	497	43.8	10-10-55	J	D	. . .	0	328	Supplies 2 people. Casing: 6-in. to 40 ft.; none below. Drilled in 1953. Sulfurous.
L-50	J. M. Willis	. . . . .	D	80.8	6	Mt	492	37.6	10-12-55	M	D	62	33	152	Supplies 3 people.
L-51	David Thomas	J. Byron Cotton .	D	171.2	6	Mt	544	37.0	6- 1-56	J	D S	. . .	16	172	Supplies 3 people and 5 head of stock.
L-52	Thomas Bickley . . .	. . . . .	D	12.2	6	S	507	6.2	. . do . .	M	D	60	12	180	Supplies 5 people.
L-53	Clyde McGee	Bud Copeland . . .	D	137.4	6	Mt	572	51.7	. . do . .	T	D	. . .	16	108	Supplies 2 people. Drilled in 1948.
L-54	Fred Ricks	Ben Botley.	D	55.9	5	Mt	551	26.0	5-31-56	M	D	63	128	334	Supplies 13 people. Sulfurous.
L-55	Joe King	. . . . .	D	79.7	6	Mt	572	39.2	. . do . .	M	D	62	23	62	Supplies 3 people.
L-56	Mrs. A. B. Rhoden.	J. Byron Cotton .	D	132.7	6	Mt	579	29.6	5-28-56	M	D	62	16	198	Supplies 4 people. Drilled in 1946.
L-57	Ed Maulton	. . . . .	D	97.0	6	Mt	585	22.3	. . do . .	M	D	. . .	197	636	Supplies 5 people.
L-58	Edgar Keiser, Jr . .	Charles Richey. .	D	350	6	Mh	723	160	6- 5-56	. . .	N	. . .	. . .	. . .	Electric log in files of U.S. Geol. Survey.
L-59	Edgar Keiser, Sr . .	. . . . .	S	. . . .	. . .	Mh	750	. . . .	10-31-55	F	N	59	2	4	Known as "Sand Spring." Measured discharge, 1 gpm on 10-31-55.
L-60	Durwood Posey. . . .	Charles Richey. .	D	46.5	6	Mt	576	8.8	5-28-56	J	D	. . .	30	162	Supplies 1 family. Drilled in 1956.
L-61	Minnie P. Moore . .	. . . . .	D	29.5	6	S	578	5.1	5-23-56	M	D	. . .	. . .	. . .	Dry during fall.
L-62	State of Alabama. . .	. . . . .	D	58.8	. . .	Mt	512	23.4	11- 3-48	. . .	N	. . .	. . .	. . .	Colbert County Malarial Control Project. Non-existent, 1957.
L-63	. . . . do	. . . . .	D	60.8	. . .	Mt	505	6.2	1- 6-50	. . .	N	. . .	. . .	. . .	Do.
M- 1	Town of Muscle Shoals.	. . . . .	D	200	8	Mfp	531	74.0	8- 6-29	T	P	60	. . .	. . .	Reported yield, 80 gpm.
M- 2	W. A. Borden	. . . . .	D	. . . .	6	Mfp	516	. . . .	10-25-55	C	D	. . .	2	190	Supplies 3 families.
*M- 3	Town of Muscle Shoals.	. . . . .	D	165	8	Mfp	510	65.0	8- 6-29	T	P	60	6	214	Reported yield, 40 gpm.
M- 4	Macon Willis	. . . . .	D	104.1	6	Mt	520	70.8	10-27-55	J	D	. . .	2	138	
M- 5	J. S. Reid	Earl Crowden. . .	D	119	6	Mt	505	59	1954	J	Ind	. . .	0	258	Casing: 6-in. to 78 ft.; none below. Supplies minnow ponds. Cavity from 71 to 74 ft. Water muddy following rain.
M- 6	Robbins Tile Co . . .	J. Byron Cotton .	D	170	8	Mt	500	. . . .	11- 6-56	T	Ind	. . .	. . .	. . .	Reported yield, 500 gpm on 11-6-56.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface (feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
M- 7	Robbins Tile Co . . .	J. Byron Cotton .	D	125	6	Mt	500	. . . . .	11- 6-56	T	Ind	. . .	. . .	. . .	Reported yield, 100 gpm on 11-6-56.
M- 8	Helen Figures	. . . . .	Du	63.0	48	S	481	53.8	7-28-55	. . .	N	. . .	. . .	. . .	Dry part of time.
*M- 9	U.S. Geol. Survey .	Hawley Dodson . .	D	335.0	6	Mt	485	69.2	8-22-56	. . .	N	62	13	4	Sample log in files of U.S. Geol. Survey.
M-10	. . . . .	. . . . .	S	. . . .	. . .	Mt	410	. . . .	9-19-55	F	S	59	2	148	Known as "Bubbling Spring." Estimated discharge, 5 gpm on 9-19-55.
*M-11	U.S. Geol. Survey .	Hawley Dodson . .	D	335.0	6	Mt Mfp	520	97.6	6- 3-57	. . .	N	62	1.5	192	Sample and electric logs in files of U.S. Geol. Survey.
M-12	Odell Young.	R. C. Capley . . .	D	154	6	Mfp	532	. . . . .	11- 2-55	J	D	. . .	1	184	Supplies 1 family.
M-13	H. N. Morris	. . . . .	D	184	6	Mfp	505	. . . . .	7-29-55	. . .	N	. . .	. . .	. . .	
M-14	Tuscumbia Ice Co . .	. . . . .	D	196	10	Mfp	460	. . . . .	. . do . .	T	Ind	. . .	. . .	. . .	Casing: 10-in. to 66 ft.; none below. Pumped at 525 gpm. Supplies water for cooling.
M-15	Fred Dobbs, Sr . . .	Curtis Spangler .	D	173.0	6	Mfp	520	86.1	. . do . .	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 60 ft.; none below. Supplied 14 families in past.
M-16	Grady Douglas	. . . . .	D	90.0	6	Mt	448	. . . . .	. . do . .	. . .	N	. . .	. . .	. . .	
M-17	M. D. Tuggle.	. . . . .	D	69.4	6	Mt	450	29.8	. . do . .	. . .	N	. . .	. . .	. . .	
M-18	R. L. Reaves.	. . . . .	D	59	6	Mt	449	. . . . .	. . do . .	C	P	. . .	. . .	. . .	Supplies store and service station.
M-19	M. White.	. . . . .	D	. . . .	6	Mt	446	26.0	. . do . .	. . .	N	. . .	6	172	
*M-20	City of Tuscumbia. .	. . . . .	S	. . . .	. . .	Mt	427	. . . . .	. . . . .	F	P	62.2	2	192	Known as "Tuscumbia Spring."
M-21	. . . . do	Curtis Spangler .	D	238.0	6	Mfp	527	76.6	10-20-55	. . .	N	. . .	. . .	. . .	Pumped at 60 gpm.
M-22	Robbins Tire & Rubber Products, Inc.	J. Byron Cotton .	D	189	8	Mfp	506	. . . . .	12-21-55	T	Ind	. . .	. . .	. . .	In 1955-56 pumped total of 9,146 million gallons. Of this, 6,053 million gallons returned to land.
*M-23	. . . . do	. . . . do	D	91	8	Mt	506	. . . . .	. . do . .	T	Ind	. . .	4	176	Pumped at 600 gpm for 24 hours, 6 days a week.
M-24	. . . . do	. . . . do	D	181	10	Mfp	506	. . . . .	. . do . .	T	N	. . .	. . .	. . .	
M-25	Charles Carmichael	. . . . do	D	225.5	6	Mfp	510	82.4	10- 3-55	T	D	62	16	268	Casing: 6-in. to 43 ft.; none below. Measured drawdown, 2.4 ft. after 3 hours pumping at 16 gpm, 10-5-55.

M-26	G. H. Henderson . .	J. Byron Cotton .	D	210	6	Mfp	500	79.3	9-13-55	T	D	. . .	2	246	Casing: 6-in. to 48 ft.; none below. Supplies 1 family. Drilled in 1953.
M-27	Homer Creel	. . . . do	D	200	6	Mfp	503	. . . .	. . do . .	C	D	. . .	2	234	Supplies 2 families. Drilled in 1948.
M-28	W. A. Borden	. . . . do	D	190	6	Mfp	502	67	1955	T	D	. . .	12	216	Supplies 1 family. Drilled in 1945.
M-29	H. E. Singleton . . .	. . . . .	D	101	6	Mt	497	61	8- -55	J	D	. . .	0	204	Supplies 1 family. Drilled in 1951.
M-30	A. B. Davenport. . .	. . . . .	D	. . . .	. . .	Mt	492	. . . .	9-13-55	M	N	. . .	2	222	
M-31	W. W. Phillips. . . .	Earl Crowden. . .	D	102	6	Mt	499	32	10-25-55	J	D	. . .	2	156	Supplies 2 families.
M-32	J. J. Jordan	. . . . .	D	100	6	Mt	497	55	6-25-55	J	D	. . .	2	160	Supplies 1 family.
M-33	William R. Malone .	R. C. Capley. . .	D	111	6	Mt	504	. . . .	10-25-55	J	D	. . .	2	164	Supplies 1 family. Drilled in 1952.
M-34	Clay Willis	. . . . do	D	121.2	6	Mt	500	57.2	. . do . .	J	D	. . .	0	140	Supplies 1 family. Drilled in 1952.
M-35	Elmore Brown	. . . . .	D	. . . .	. . .	Mt	505	. . . .	6-25-55	J	D	. . .	0	160	Supplies 2 families.
M-36	Cecil Huston	. . . . .	D	81.8	6	Mt	519	68.4	10-25-55	J	D	63	2	168	Supplies 3 families. Reported yield, 11 gpm on 11-2-55.
M-37	A. B. Blackburn, Jr.	. . . . .	D	. . . .	6	Mt	518	. . . .	10-26-55	J	D S	. . .	2	204	Supplies 4 families.
M-38	George Rhoden	J. Byron Cotton .	D	111.3	6	Mt	531	76.0	10-25-55	M	D	62	0	188	Supplies 1 family. Drilled in 1947.
M-39	S. L. Rogers	Rhoden Drilling Co.	D	100	6	Mt	518	50	1945	C	D	. . .	0	178	Supplies 1 family. Drilled in 1937.
M-40	Lonie Isbell	Fred Thompson .	D	169	6	Mfp	516	55	. . do . .	C	D S	. . .	2	170	Supplies 3 families and 10,000 chickens. Casing: 6-in. to 43 ft.; none below. Drilled in 1945.
M-41	C. O. McDougal . . .	Chipolet Drilling Co.	D	87.9	6	Mt	502	51.6	10-19-55	. . .	N	. . .	. . .	. . .	Water muddy when pumped heavily. Drilled in 1949.
M-42	. . . . do	Charles Richey. .	D	107	6	Mt	498	. . . .	. . do . .	J	D	. . .	2	160	Supplies 1 family. Drilled in 1953.
M-43	H. E. Sockwell. . . .	Bud Copeland . . .	D	120	6	Mt	514	. . . .	10-26-55	J	D	. . .	2	202	Supplies 2 families. Drilled in 1940.
M-44	W. H. Copeland . . .	. . . . do	D	68.0	6	Mt	491	30.3	10-17-55	J	D	. . .	2	180	Supplies 1 family. Drilled in 1953.
M-45	Lula Mae Sockwell .	. . . . .	D	74.4	6	Mt	497	41.1	. . do . .	J	D	. . .	2	176	Supplies 1 family.
M-46	Robert Downing . . .	Bud Copeland . . .	D	105	6	Mt	508	. . . .	. . do . .	C	D	. . .	2	178	Supplies 3 families and store. Drilled in 1948.
M-47	T. B. Elliott	Rhoden Drilling Co.	D	144	6	Mfp	516	. . . .	9-14-55	C	D	. . .	4	350	Supplies 3 families. Drilled in 1938.
M-48	W. C. Smith	. . . . .	D	. . . .	6	Mfp	503	. . . .	10-19-55	C	D S	61	2	228	Supplies 1 family and 12 head of stock.
M-49	Edward Foster	. . . . .	D	147.9	6	Mfp	506	81.5	9-28-55	. . .	N	. . .	. . .	. . .	Drilled in 1955.
M-50	G. W. Sockwell . . .	Bud Copeland . . .	D	138	6	Mfp	515	111	1- -54	J	D	. . .	4	274	Supplies 1 family. Drilled in 1954.
M-51	J. K. Johnson	. . . . .	D	103.0	6	Mt	497	73.7	10-18-55	M	D	61	2	134	Supplies 2 families.
M-52	Leonare Isbell	Bud Copeland . . .	D	144	6	Mt	497	. . . .	. . do . .	T	D S	. . .	2	180	Supplies 2 families and 50 head of stock. Drilled in 1950.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
M-53	Eugene Taylor	. . . . .	D	118.5	6	Mt	502	70.9	10-18-55	J	D	. . .	17	192	Supplies 3 families.
M-54	E. R. Love	Rhoden Drilling Co.	D	128	6	Mt	513	. . . .	. . do . .	J	D	. . .	6	198	Supplies 4 families. Drilled in 1941.
M-55	Price Counts	. . . . .	D	94.6	6	Mt	501	71.7	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family.
M-56	V. B. Smith.	J. Byron Cotton .	D	199	6	Mfp	499	. . . .	9-13-55	J	D	. . .	0	226	Supplies 1 family. Casing: 6-in. to 100 ft.; none below. Drilled in 1949.
M-57	Edward Scoggins. . .	Fred Thompson .	D	108	6	Mt	489	. . . .	. . do . .	C	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1944.
M-58	Harvey Phillips . . .	. . . . .	D	. . . .	6	Mt	494	. . . .	. . do . .	C	D	. . .	0	232	Supplies 1 family.
M-59	C. F. Edwards. . . .	O. McGuire. . . .	D	197	6	Mfp	519	77	9-14-55	J	D	. . .	2	154	Supplies 1 family. Drilled in 1949.
M-60	E. S. Sockwell. . . .	Rhoden Drilling Co.	D	164	6	Mfp	508	80	9-13-55	C	D	. . .	6	218	Supplies 3 families.
M-61	Minnie Critener . . .	. . . . .	D	. . . .	. . .	Mfp	455	. . . .	9-14-55	C	D	. . .	12	166	Supplies 1 family.
M-62	J. L. Gains	J. Byron Cotton .	D	206	6	Mfp	467	55	8-17-55	J	D	. . .	2	204	Supplies 3 families.
M-63	J. W. Webb.	. . . . do	D	250	6	Mfp	462	. . . .	9-14-55	J	D S	. . .	4	228	Supplies 16 people and 20 head of stock.
M-64	J. B. Enlow.	. . . . .	D	134.8	6	Mt	519	87.1	7-26-55	M	D	62	0	324	Supplies 21 people.
M-65	A. H. Crawford . . .	. . . . .	D	111	6	Mt	499	. . . .	. . do . .	J	D	64	13	280	Cased to 27 ft.
M-66	Curtis B. Walker . .	Rhoden Drilling Co.	D	120	6	Mt	516	61	1942	J	D	. . .	0	222	Cavity at 115 ft. Drilled in 1942.
M-67	J. C. Walker	Fred Thompson .	D	280	6	Mfp	521	75	1933	J	D Ind	. . .	. . .	. . .	Supplies 7 families, sawmill, and several head of stock.
M-68	J. C. Cabaniss. . . .	. . . . .	D	49.2	6	Mt	491	44.6	7-26-55	M	D	63	6	256	Supplies 1 family.
M-69	Walker Lumber Co .	. . . . .	Du	58.9	48	S	520	56.5	7-29-55	. . .	N	. . .	. . .	. . .	
M-70	Whites Store	. . . . .	Du	16.8	. . .	Ms	561	4.5	7-26-55	M	N	64	2	498	Supplies 3 people.
M-71	Lonnie Carpenter . .	. . . . .	D	111.6	6	Mt	556	106.7	11- 8-55	M	D	60	19	268	Supply inadequate.
M-72	C. B. Holland	Rhoden Drilling Co.	D	146	6	Mt	542	94	12- -53	J	D	. . .	5	340	Sulfurous.

M-73	R. O. Burcham . . .	. . . . .	D	120	6	Mt	522	. . . .	11- 8-55	J	D	. . .	14	130	Supplies 1 family.
M-74	Minnie Davis	O. McGuire	D	128	6	Mt	532	60	3- -54	J	D	. . .	6	456	Cased to 10 ft. Sulfurous.
M-75	M. G. Greasy	Curtis Spangler .	D	118.5	6	Mt	563	54.8	11- 9-55	M	D	. . .	36	488	Supplies 1 family. Drilled in 1949.
M-76	Louis Davis	O. McGuire	D	149	6	Mt	545	. . . .	. . do . .	J	D	. . .	9	506	Supplies 4 families. Drilled in 1954.
M-77	Mrs. Robert Gary. .	Bud Copeland . . .	D	425	6	Mfp	511	61.3	7-20-55	M	D	. . .	13	370	Electric log in files of U.S. Geol. Survey.
M-78	. . . . do	. . . . .	D	. . . .	. . .	Mt	544	. . . .	7-19-55	J	D S	. . .	19	550	Supplies 1 family. Sulfurous.
M-79	W. J. Dodson.	. . . . .	D	120	6	Mt	488	45.0	4- -53	J	D S	. . .	13	134	Supplies 3 people and 18 head of stock.
M-80	B. Findley.	. . . . .	D	171.7	6	Mfp	501	73.0	9-14-55	M	N	. . .	. . .	. . .	
M-81	Arthur Blackburn . .	. . . . .	D	60.0	6	Mt	479	49.0	9-21-55	M	D	63	6	196	Supplies 5 people.
M-82	John L. Carton	. . . . .	D	. . . .	6	Mt	485	. . . .	. . do . .	J	D S	. . .	. . .	. . .	Supplies 4 people and 55 head of stock.
M-83	Mary W. Kirk	. . . . .	D	. . . .	5	Mt	492	. . . .	7-21-55	C	D S	. . .	6	246	Supplies 20 people and 60 head of stock.
M-84	. . . . do	W. H. Copeland .	D	170	6	Mt	510	40	3- 1-55	. . .	N	. . .	. . .	. . .	Supply inadequate for irrigation.
M-85	. . . . do	. . . . .	D	60	6	Mt	510	50.3	8- 6-29	C	D	60	. . .	. . .	Supplies 1 family.
M-86	. . . . do	. . . . .	S	. . . .	. . .	Mt	475	. . . .	. . do . .	F	N	60.3	6	194	Known as "Sink Spring." Discharge 200 gpm on 8-6-29 (Johnston, 1933).
M-87	. . . . do	. . . . .	D	82	6	Mt	510	39	1955	J	D	. . .	2	230	Supplies 1 family.
M-88	H. L. Isbell.	Rhoden Drilling Co.	D	93	6	Mt	536	40	1946	J	D S	. . .	6	230	Supplies 1 family and 4 head of stock. Casing: 6-in. to 9 ft.; none below.
M-89	Perry Pilgrim	Lavenger and Lowery.	D	87.0	6	Mt	514	73.0	10-13-55	M	D	61	6	238	Supply inadequate.
M-90	Wesley Smith	J. Byron Cotton .	D	205	6	Mfp	491	. . . .	9-21-55	J	D S	. . .	6	192	Supplies 9 people and 60 head of stock.
M-91	. . . . do	. . . . .	D	86.8	5	Mfp	484	51.9	. . do . .	. . .	N	. . .	. . .	. . .	
M-92	Olive Brown.	W. H. Copeland .	D	96.4	6	Mt	504	74.8	. . do . .	M	D	63	6	122	Supplies 3 people. Drilled in 1950.
M-93	Sid Wallace	. . . . .	D	112.9	6	Mt	515	80.9	. . do . .	M	D	63	9	146	Supplies 11 people.
M-94	Herman Cook	Earl Crowden. . .	D	213	8	Mfp	499	65	1954	C	S Irr	. . .	6	100	Casing: 8-in. to 31 ft.; none below. Pumped at 24 gpm with drawdown of 82 ft. Drilled in 1954.
M-95	. . . . do	R. C. Capley . . .	D	187	6	Mfp	523	. . . .	9-21-55	C	D	. . .	6	276	Supplies 4 people. Reported yield, 1.3 gpm on 9-21-55. Drilled in 1945.
M-96	Reed Estate	J. Byron Cotton .	D	221	8	Mfp	504	75.7	. . do . .	J	D S	. . .	6	120	Supplies 22 people and 18 head of stock. Drilled in 1953.
M-97	L. W. Reed	. . . . .	D	75.4	6	Mt	504	70.2	7-20-55	M	D	63	6	198	Supplies 12 people.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
M-98	Herman Cook	. . . . .	D	225	6	Mfp	518	92.6	9-21-55	C	D	. . .	3	240	Supplies 5 people.
M-99	Davis Janson	. . . . .	D	77.3	6	Mt	506	66.2	9-28-55	M	D	63	6	116	Do.
M-100	Looney Huggins . . .	Curtis Spangler .	D	111	6	Mt	514	71	1954	J	D	. . .	1	210	Supplies 5 people. Drilled in 1953.
M-101	C. C. Hovater	Bartley and Lowery.	D	72	6	Mt	512	66	1948	C	D	. . .	9	172	Casing: 6-in. to 30 ft.; none below. Supplies 3 people.
M-102	W. H. Dean	. . . . .	D	133	6	Mfp	496	53	9-20-55	C	D	. . .	9	204	Supplies 2 houses and store.
M-103	Terry Byrson	Bud Copeland . .	D	163.3	6	Mfp	533	104.6	9-15-55	. . .	N	. . .	. . .	. . .	Drilled in 1955.
M-104	W. W. Carroll	. . . . .	D	185	6	Mfp	524	89.6	. . do . .	J	D	. . .	2	280	Supplies 6 people. Drilled in 1946. Slightly sulfurous.
M-105	J. C. Martin	. . . . .	D	129.9	6	Ms	545	124.9	. . do . .	M	D	62	9	506	Supplies 2 people.
M-106	J. B. Henson	Chipolet Drilling Co.	D	45.4	6	Mh	845	25.6	. . do . .	M	D	63	6	14	Supplies 4 people. Casing: 6-in. to 12 ft.; none below. Drilled in 1953.
M-107	W. A. Trousdale . .	Edgar Brown . . .	D	40.0	6	Mh	841	23.3	. . do . .	M	D	64	2	8	Supplies 2 people. Casing: 6-in. to 12 ft.; none below.
M-108	. . . . .	. . . . .	S	. . . .	. . .	Mh	650	. . . .	8-31-55	F	N	63	0	44	Known as "Milk Spring." Discharge estimated 0.5 gpm on 8-31-55.
M-109	Edgar Brown	Chipolet Drilling Co.	D	59.7	6	Mh	849	43.4	9-15-55	. . .	N	63	2	18	Drilled in 1955.
M-110	Lee Henson	. . . . .	Du	29.9	48	S	838	27.3	. . do . .	M	D	63	40	22	Supplies 3 people.
M-111	N. C. Willingham . .	Walter McCormick	D	119	6	Mt	511	76.6	11- 8-55	J	D	. . .	4	236	Supplies 1 family and store.
M-112	. . . . do	. . . . .	D	188.3	6	Mfp	559	135.5	11- 9-55	. . .	N	. . .	. . .	. . .	Sulfurous.
M-113	. . . . do	. . . . .	Du	24.0	42	S	557	23.3	. . do . .	. . .	N	. . .	. . .	. . .	
M-114	B. Borden	. . . . .	D	236	6	Mfp	575	153.6	. . do . .	J	N	. . .	. . .	. . .	
M-115	. . . . do	. . . . .	D	143.6	6	Mt	574	. . . .	. . . . .	. . .	. . .	. . .	. . .	. . .	Dry on 11-9-55.
M-116	V. T. Young	O. McGuire	D	113	6	Mg	469	40.1	11-14-55	J	D	. . .	6	428	Supplies 10 people. Drilled in 1953. Sulfurous.

M-117	Mary Bell Elliott . .	. . . . .	Du	29.1	48	S	855	21.2	11-17-55	M	D	62	33	14	Supplies 7 people.
M-118	Colbert County Schools.	Bud Copeland. . .	D	148.2	15	Mh	863	104.7	11-16-55	J	P	. . .	. . .	. . .	Supply inadequate.
M-119	. . . . do	. . . . do	D	190	13	. . .	863	. . . .	. . . . .	. . .	. . .	. . .	. . .	. . .	Dry hole.
M-120	. . . . do	J. Byron Cotton .	D	624	6	Mh	872	300	1955	. . .	N	. . .	. . .	. . .	Supply inadequate.
M-121	W. M. Thompson . .	. . . . .	D	22.5	6	Mh	865	14.5	11-16-55	M	N	64	6	22	
M-122	John Martin.	. . . . .	D	34.0	10	Mh	864	17.5	11-23-55	M	D	63	30	58	Supplies 1 family.
*M-123	Colbert Heights . . .	Earl Crowden. . .	D	237	8	Mt	477	143	1954	T	P	. . .	7	242	Casing: 8-in. to 42 ft.; none below. Pumped at 125 gpm for 24 hours in August 1954.
M-124	Oscar Meredith . . .	. . . . .	D	41.0	6	Mt	543	31.8	9-20-55	M	D	63	6	298	Supplies 14 people.
M-125	Berry Clark.	. . . . .	D	49.0	6	Mh	857	46.5	11-16-55	M	D	63	6	16	Supply inadequate.
M-126	. . . . do	. . . . .	D	43.0	6	Mh	851	17.0	. . do . .	M	D	63	2	10	Supplies 1 family.
M-127	W. B. Butler.	. . . . .	D	43.4	6	Mh	849	25.9	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
M-128	W. E. Hooper	. . . . .	D	34.6	6	Mh	845	26.9	11-23-55	M	D	. . .	. . .	. . .	Do.
M-129	C. A. Ingram.	. . . . .	D	72.9	6	Mh	852	46.8	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1947.
M-130	Kent Patton	Bud Copeland. . .	D	112.6	6	Mh	856	81.2	. . do . .	J	D	. . .	2	54	Supplies 1 family.
M-131	H. C. Armstead. . .	. . . . .	D	74.0	6	Mh	856	33.5	. . do . .	M	D	62	2	46	Do.
M-132	Clovis Isbell	O. McGuire. . . .	D	98.9	6	Mg Mh	516	68.3	9-28-55	M	D S	61	1	204	Supplies 7 people and 2 head of stock.
M-133	John Johnson	. . . . .	D	120.3	6	Mg	554	103.8	. . do . .	M	D	62	13	222	Supplies 1 family.
M-134	J. Fennel	. . . . .	D	. . . .	6	Mg	562	. . . .	. . do . .	C	D S	63	4	328	Supplies 1 family. Sulfurous.
M-135	. . . . do	. . . . .	D	60.3	6	Mg	558	47.6	. . do . .	M	D	63	21	356	Supplies 1 family.
M-136	. . . . do	. . . . .	D	92.3	6	Mg	514	66.0	. . do . .	M	D	63	1	246	Supplies 9 people.
M-137	. . . . do	. . . . .	D	90.6	6	Mg	525	61.5	9-29-55	M	D	63	2	222	Supplies 1 family. Sulfurous.
M-138	Gordon Pruitt.	Rhoden Drilling Co.	D	204	6	Mt	520	70	10-13-55	J	D S	. . .	2	238	Supplies 16 people and 75 head of stock. Drilled in 1941.
M-139	Howard Robbins . . .	Bud Copeland. . .	D	95	6	Mt	511	. . . .	7-27-55	J	D	. . .	6	314	Casing: 6-in. to 35 ft.; none below. Drilled in 1955.
M-140	Julia Crittenden . . .	B. Bartley.	D	96	6	Mt	521	50	10-12-55	C	D	. . .	39	100	Supplies 1 family. Casing: 6-in. to 20 ft.; none below.
M-141	Roy Harris	. . . . .	D	83.8	6	Mt	492	52.7	. . do . .	M	D	62	16	166	Supplies 5 people.
M-142	A. L. Hunter.	. . . . .	D	75	6	Mt	483	40	1949	J	D	. . .	13	236	Supplies 1 family. Slightly sulfurous.
N- 1	L. T. Pride.	. . . . .	D	127.0	6	Mt	517	36.0	8- 8-56	J	D	61.5	9	152	Supplies 1 family.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
N- 2	George Foster	. . . . .	D	106.0	6	Mt	464	38.0	7-26-56	J	D	62	20	210	Supplies 1 family and gas station. Casing: 6-in. to 33 ft.; none below.
N- 3	H. F. Young	. . . . .	D	265	6	Mt	480	. . . .	8-25-55	C	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1948.
N- 4	Julian R. Clements.	. . . . .	D	200	6	Mt	437	45	7-26-56	T	D	62	2	246	Supplies 5 families. Casing: 6-in. to 135 ft.; none below. Cavity at 25 to 30 ft.
N- 5	L. T. Pride.	. . . . .	D	70.9	6	Mt	472	28.9	8-25-55	M	D	63	9	212	Supplies 13 people. Reported yield, 12 gpm on 8-25-55.
N- 6	Pride School	. . . . .	D	110	6	Mt	470	65.0	8- 3-29	. . .	P	60	. . .	. . .	
N- 7	J. P. Thompson. . .	. . . . .	D	90	6	Mt	474	57.5	. . do . .	. . .	D	61	. . .	. . .	
N- 8	H. J. Howater	. . . . .	D	47	6	Mt	470	36.9	. . do . .	. . .	D	60	. . .	. . .	
N- 9	V. H. Wanner	. . . . .	D	112	6	Mt	430	20.3	7-26-56	J	D	61	20	182	Supplies 1 family. Casing: 6-in. to 18 ft.; none below. Drilled in 1954.
N-10	Sally Goodloe	. . . . .	S	. . . .	. . .	Mt	430	. . . .	8- 3-29	F	D	61	. . .	. . .	Known as "Dry Creek Spring." Discharge 20 gpm on 8-3-29 (Johnston, 1933).
N-11	Homer Vandigrift . .	Charles Richey. .	D	98.9	6	Mt	450	41.6	8- 8-56	J	D	61	15	314	Supplies 1 family. Casing: 6-in. to 47 ft.; none below. Reported yield, 1.5 gpm on 8-8-56. Drilled in 1955. Sulfurous.
N-12	Maggie Willingham .	Crosswhite and Gibbs.	D	162.4	6	Mt	592	148.9	11- 3-55	M	D	. . .	. . .	. . .	Supplies 3 people. Drilled in 1927.
N-13	Velma Mitchell. . . .	John Hawk	D	68.5	6	Mt	566	61.3	11- 2-55	M	D	. . .	. . .	. . .	Supplies 5 people. Drilled in 1942.
N-14	Pat Harris.	Curtis Spangler .	D	243.5	6	Mt	549	128.9	. . do . .	M	D	62	2	140	Supplies 13 people. Drilled in 1948. Electric log in files of U.S. Geol. Survey.
N-15	J. T. Davis	Rhoden Drilling Co.	D	585	6	Mt	585	. . . .	. . do . .	J	D S	. . .	3	274	Supplies 2 families and 40 head of stock. Casing: 6-in. to 8 ft.; none below. Drilled in 1941.
N-16	W. E. Olive.	. . . . do	D	96	6	Mt	532	75	1938	T	D S	. . .	3	196	Supplies 4 families and 50 head of stock. Casing: 6-in. to 75 ft.; none below. Cavity at 75 ft. Drilled in 1938.
N-17	Thelma Hester	. . . . do	D	150	6	Mt	484	. . . .	11- 3-55	T	D	. . .	0	208	Supplies 2 families.

N-18	Leonard Overton. . .	. . . . .	D	119.0	6	Mt	435	48.9	7-20-56	J	D	62	27	156	Supplies 1 family and cafe. Drilled in 1940.
N-19	Ellis Kimbrough. . .	. . . . .	D	116.9	6	Mt	464	54.4	. . do . .	J	D	62	2	184	Supplies 1 family. Casing: 6-in. to 10 ft.; none below.
N-20	John Johnson	. . . . .	D	76.7	6	Mt	468	38.9	. . do . .	J	D	61	2	202	Supplies 1 family. Drilled in 1948. Water muddy following rain.
N-21	Mrs. Claude Pambers.	. . . . .	D	100.0	6	Mt	525	76.6	. . do . .	J	D	61	6	200	Supplies 1 family. Reported yield, 18 gpm on 7-20-56. Drilled in 1951.
N-22	L. C. Richardson. .	. . . . .	D	130	6	Mt	505	90	. . do . .	J	D	. . .	. . .	. . .	Supplies 3 families and store. Drilled in 1946.
N-23	Lewis Hollard	. . . . .	Du	15.8	. . .	S	627	11.1	7-31-56	M	D	. . .	. . .	. . .	Supplies 1 family. Low during dry seasons.
N-24	W. Smallwood	Fred Thompson .	D	164.0	6	Mg	517	64.2	8- 7-56	M	D	61	22	214	Supplies 1 family. Casing: 6-in. to 12 ft.; none below. Sulfurous. Electric log in files of U.S. Geol. Survey.
N-25	Horrace Shikle. . . .	Horrace Shikle, Jr.	D	72.6	6	Mh	765	27.7	. . do . .	M	D	62	0	56	Supplies 6 people. Casing: 6-in. to 10 ft.; none below. Iron taste.
N-26	T. L. Richardson. .	. . . . .	D	360	6	Mh	805	109.5	7-31-56	. . .	N	. . .	. . .	. . .	Supply inadequate. Electric log in files of U.S. Geol. Survey.
N-27	E. Rickard	. . . . .	Du	30.1	. . .	S	785	24.3	. . do . .	M	D	61	9	42	Supplies 2 families. Dry during dry season. Bedrock at 10 ft.
N-28	H. M. McGee	. . . . .	D	. . . .	6	Mt	482	. . . .	11- 3-55	J	D	. . .	2	216	Supplies 13 people.
N-29	M. G. McKeenum. .	Rhoden Drilling Co.	D	103	6	Mt	481	. . . .	. . do . .	T	D	. . .	28	166	Supplies 5 people. Drilled in 1941.
N-30	Floyd Sherrod	R. C. Capley. . .	D	82	6	Mt	480	. . . .	. . do . .	J	D	. . .	9	168	Supplies 4 people. Drilled in 1951.
N-31	Jim Archer	O. McGuire. . . .	D	67	6	Mt	479	. . . .	11- 8-55	J	D	. . .	2	132	Supplies 25 people. Drilled in 1953.
N-32	Ralph Garner.	Bud Copeland. . .	D	150	6	Mt	466	50	. . do . .	J	D	. . .	2	198	Supplies 3 people. Drilled in 1955. Sulfurous.
N-33	K. E. Summerall . .	. . . . do	D	151	6	Mt	539	. . . .	. . do . .	J	D	. . .	6	218	Supplies 5 people. Drilled in 1950.
N-34	Neely Willingham . .	Walter McCormick	D	89.6	6	Mt	456	68.2	. . do . .	M	D	61	7	196	Supplies 1 family. Drilled in 1946.
N-35	W. G. Goins	Curtis Spangler .	D	127.3	6	Mt	516	61.3	. . do . .	M	D	62	13	284	Supplies 2 families. Casing: 6-in. to 42 ft.; none below. Drilled in 1947. Sulfurous.
N-36	William Howard . . .	. . . . .	D	148.6	6	Mh	836	88.0	7-31-56	J	D	. . .	2	58	Supplies 2 families. Casing: 6-in. to 15 ft.; none below. Reported yield, 8 gpm on 7-31-56.
N-37	J. N. Hester	. . . . .	Du	29.9	36	S	778	23.8	. . do . .	J	D	. . .	. . .	. . .	Supplies 1 family.
N-38	Louis Smith.	. . . . .	D	176	6	Mg	793	150	8- 1-56	J	D	. . .	2	164	Supplies 1 family. Casing: 6-in. to 24 ft.; none below.
N-39	J. C. Lindsey	. . . . .	Du	29.9	36	S	770	19.9	. . do . .	J	D	. . .	36	24	Supplies 1 family. Supply inadequate.
N-40	Joe Lonsdale	Tennessee Valley Authority.	D	377	6	Mg	726	66.7	8- 3-56	. . .	N	. . .	. . .	. . .	
N-41	C. Wheeler	. . . . .	Du	29.0	36	S	724	17.2	. . do . .	M	D	. . .	36	104	Supplies 1 family. Casing: 36-in. to 29 ft.; none below. Water has alum and iron taste.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
O- 1	Mattie Thompson . .	. . . . .	D	131.1	6	Mt	512	98.9	8-24-55	M	D	63	0	136	Supplies 4 people. Drilled in 1915.
O- 2	Ed Thompson	Bud Copeland . .	D	151	6	Mt	500	. . . .	. . do . .	J	D	. . .	. . .	. . .	Supplies 1 family.
O- 3	Bill Blackenship. . .	. . . . .	D	55.4	5	Mt	447	34.0	. . do . .	M	D	64	2	186	Supplies 5 people.
O- 4	Oscar Lovless	O. McGuire. . . .	D	156.6	6	Mt	497	74.7	. . do . .	M	D	63	0	200	Supplies 2 families.
O- 5	W. D. George	Fred Thompson .	D	132	6	Mt	484	72	8-25-55	J	D	. . .	. . .	. . .	Supplies 5 families and service station. Casing: 6-in. to 22 ft.; none below. Drilled in 1942.
O- 6	Edna Gibbs	. . . . .	D	36.0	5	Mt	480	16.8	8-26-55	M	N	63	0	294	
O- 7	Orville Crowell . . .	. . . . .	D	137	6	Mt	498	. . . .	8-25-55	J	D	. . .	. . .	. . .	Supplies 3 families. Casing: 6-in. to 16 ft.; none below. Drilled in 1943.
O- 8	Barton School	. . . . .	D	140	6	Mt	495	. . . .	8-23-56	J	P	. . .	14	376	Sulfurous. Drilled in 1938.
O- 9	A. C. Pounders . . .	. . . . .	D	73.3	5	Mt	528	67.5	9-10-56	M	D	. . .	. . .	. . .	
O-10	Mrs. George James	. . . . .	D	79.5	6	Mt	505	38.5	8-29-56	. . .	N	. . .	. . .	. . .	Supply inadequate. Slightly sulfurous.
O-11	R. L. James	R. C. Capley. . .	D	39.1	6	S	487	6.6	. . do . .	C	D	62	20	10	Supplies 1 family and store. Casing: 6-in. to 10 ft.; none below. Drilled in 1948.
O-12	Mrs. Carroll Johns .	. . . . .	D	30.0	6	S	483	17.0	. . do . .	J	D	63	13	8	Supplies 3 families and 3 head of stock.
O-13	Carl Thompson . . .	. . . . .	D	72.0	6	Mt	512	44.0	. . do . .	M	D	. . .	. . .	. . .	Sulfurous.
O-14	R. F. Anderson . . .	. . . . .	D	118.0	6	Mbe	552	44.2	. . do . .	M	D	. . .	. . .	. . .	Casing: 6-in. to 46 ft.; none below. Bethel sandstone at 43 feet.
O-15	Colbock Asphalt . . .	. . . . .	D	87.0	6	Mt	543	52.3	9-10-56	M	D	. . .	. . .	. . .	
O-16	C. Burgess	. . . . .	D	127.0	6	Mt	482	54.2	8-23-56	M	D	61	13	446	Sulfurous.
O-17	C. E. James	. . . . .	D	60.1	6	Mt	493	19.4	. . do . .	J	D	62	0	28	Supplies 1 family. Casing: 6-in. to 22 ft.; none below. Drilled in 1941.
O-18	J. C. McGee	. . . . .	D	110.2	6	Mt	485	52.4	9-10-56	M	D	. . .	. . .	. . .	Supplies 2 families.
O-19	Bessie W. Loveless	. . . . .	D	59.3	6	Mt	477	25.8	. . do . .	M	D	. . .	. . .	. . .	Sulfurous. Drilled in 1941.

O-20	Percy Price.....	Earl Crowden...	D	101.5	6	Mt	474	25.7	7-26-56	J	D	61	27	132	Supplies 2 families. Drilled in 1954.
O-21	J. E. Hovater	.....	D	200.0	6	Mt	442	12.7	7-24-56	J	D	62	6	694	Supplies 5 families and store. Sulfurous.
O-22	George Morris....	.....	D	237	6	Mt	453	20	7-26-56	J	D	63	2	358	Supplies 9 families and store. Casing: 6-in. to 20 ft.; none below.
O-23	John Nelson.....	.....	D	89.1	6	Ms	459	83.4	8-25-55	M	D	64	43	1,348	Supplies 16 people.
O-24	J. McWilliams....	.....	D	43.0	6	Mt	446	9.6	7-27-56	M	D	...	...	...	Supplies 1 family.
O-25	....do.....	.....	D	43.5	6	Mt	461	23.2	..do..	J	D S	63	7	200	Supplies 2 families and dairy. Casing: 6-in. to 11 ft.; none below.
O-26	Lucy Kimbrough...	Lavender Drilling Co.	D	41.9	6	Mt	467	15.7	7-26-56	J	D	63	15	246	Casing: 6-in. to 20 ft.; none below.
O-27	Duey Romans.....	R. C. Capley...	D	158.5	6	Mt	523	39.8	8-23-56	M	D	62	8	210	Casing: 6-in. to 6 ft.; none below. Sulfurous. Electric log in files of U.S. Geol. Survey.
O-28	Aurier Storment...	.....	Du	16.6	36	Ms	554	12.5	..do..	M	D	63	91	456	Supplies 2 families.
O-29	J. B. Minor.....	.....	D	129.5	6	Mt	508	42.1	9-10-56	M	D	...	...	...	Supplies 1 family.
O-30	J. C. Sizemore ...	.....	Du	16.5	6	Mh	895	10.9	8-23-56	M	D	63	34	70	
O-31	.....	.....	Du	4.6	36	S	530	2.6	8-27-56	...	N	...	...	...	
O-32	Lisbeth Foster....	W. Hawk.....	D	86.0	6	Mt	565	9.0	7-26-56	...	N	...	...	...	Casing: 6-in. to 38 ft.; none below. Sulfurous.
O-33	J. Glenn Hester ...	.....	D	300	6	Mt	563	151.0	..do..	T	D	...	...	...	Casing: 6-in. to 20 ft.; none below.
O-34	Otis F. Pounders ..	.....	D	240	6	Mt	515	....	..do..	T	D S	63	120	130	Supplies 1 family and dairy. Sulfurous. Drilled in 1946.
O-35	C. D. Kimbrough ..	.....	D	58.1	6	Mt	517	27.2	7-30-56	M	D	61	21	48	Casing: 6-in. to 20 ft.; none below. Slightly sulfurous. Drilled in 1955.
O-36	N. R. Posey	.....	Du	26.8	36	S	525	13.2	..do..	M	D	...	...	...	Supplies 3 families.
O-37	E. J. Hester	.....	D	114.2	6	Mg	505	23.4	..do..	J	N	63	0	170	Supply inadequate. Sulfurous. Drilled in 1952.
P- 1	J. L. Waldrup	.....	D	93.5	6	Mbe	534	53.6	9- 5-56	J	D	62	20	8	Supplies 2 families. Drilled in 1955.
P- 2	J. A. Wallace	R. C. Capley...	D	96.0	6	Mbe	508	39.8	..do..	J	D	61	6	4	Supplies 1 family. Casing: 6-in. to 47 ft.; none below. Sulfurous. Drilled in 1945.
P- 3	Edison Jones	.....	D	105	5	Mt	503	67	9-14-56	C	D S	62	6	192	Supplies 1 family. Casing: 5-in. to 105 ft.; none below.
P- 4	Earl Waldrop.....	.....	D	230	6	Mt	530	100	..do..	J	D	62	10	188	
P- 5	Arthus Malone	Curtis Spangler .	D	184	6	Mt	518	94	9-17-56	T	D	...	...	...	Casing: 6-in. to 36 ft.; none below. Slightly sulfurous.
P- 6	J. Mayfield	.....	D	99.2	6	Mt	481	57.3	9-14-56	J	D S	...	...	...	Supplies 1 family.
P- 7	--McJohnson	.....	D	62.1	6	Mt	473	45.2	9-17-56	M	D	...	...	...	Supplies 1 family. Supply inadequate.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

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								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
P- 8	J. B. Melton	. . . . .	D	187	6	Ms	520	. . . .	9-17-56	J	D	62	13	350	Supplies 1 family and store.
P- 9	. . . . do	. . . . .	D	63.5	6	Ms	518	25.0	. . do . .	. . .	N	. . .	. . .	. . .	
P-10	Joe Rutland	. . . . .	Du	27.0	35	S	487	11.9	9- 6-56	J	D	. . .	. . .	. . .	Supplies 1 family.
P-11	J. C. Pounders . . .	Hawk Drilling Co.	D	46.7	7	Ms	467	28.1	. . do . .	M	D	63	155	44	Casing: 7-in. to 18 ft.; none below. Sulfurous.
P-12	Ethel Hargett	. . . . .	D	52.0	6	Mbe	554	29.0	9- 4-56	M	D	63	6	10	Supplies 1 family. Sulfurous.
P-13	F. D. Huston	. . . . .	D	32.5	6	Mbe	582	23.1	. . do . .	M	N	63	6	60	Casing: 6-in. to 32 ft.; none below.
P-14	. . . . do	. . . . .	D	91.0	6	Mt	582	83.1	. . do . .	. . .	N	. . .	. . .	. . .	Sulfurous.
P-15	F. A. Rikard	. . . . .	D	57.0	6	Mbe	528	42.5	9- 5-56	M	D	64	35	10	Do.
P-16	F. A. Landers	. . . . .	D	62.8	7	Mg	474	26.9	9- 6-56	M	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1956.
P-17	L. T. Hester	Earl Crowden . .	D	159	6	Mt	542	34.2	9-17-56	J	D S	63	13	320	Casing: 6-in. to 20 ft.; none below. Drilled in 1953. Sulfurous.
P-18	M. Choat	. . . . .	D	60.2	6	Mt	482	42.1	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1926.
P-19	. . . . .	. . . . .	D	36.6	6	Ms	509	15.3	9-18-56	. . .	N	. . .	. . .	. . .	
P-20	M. Choat	O. McGuire	D	174	6	Mt	539	95.0	. . do . .	J	D	60	10	112	Casing: 6-in. to 36 ft.; none below.
P-21	W. R. McGoff	. . . . .	D	98.9	6	Ms Mbe	510	50.1	9-17-56	J	D	63	20	276	Supply inadequate.
P-22	J. W. Choat	. . . . .	D	49.7	6	Mbe	517	15.1	9-18-56	M	D	62	6	16	Supplies 1 family. Drilled in 1896.
P-23	Bill Choat	O. McGuire	D	96.5	6	Mg	515	20.9	. . do . .	M	D	63	20	76	Supplies 2 families. Drilled in 1952.
P-24	--Williams	. . . . .	Du	21.0	36	S	502	8.7	9- 5-56	M	N	64	4	55	Casing: 36-in. to 21 ft.; none below.
P-25	H. R. Bowsman . . .	. . . . .	D	85.2	6	Mg	510	46.1	. . do . .	M	N	. . .	. . .	. . .	
P-26	A. L. Kimbrough . .	. . . . .	D	128.5	6	Mt	523	59.8	9- 6-56	M	N	. . .	. . .	. . .	
P-27	V. T. Payten	G. McGuire	D	280	6	Mg	575	80.3	9-18-56	J	D	64	42	304	Supplies 1 family.
P-28	J. Williams	. . . . .	D	119.2	6	Mg	581	73.7	9- 5-56	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 30 ft.; none below. Drilled in 1944.

P-29	--Denton	. . . . .	S	. . . .	. . .	Mc	580	. . . .	9-27-55	F	D	60	2	344	Known as "Denton Spring." Discharge estimated 1 gpm on 9-27-55.
P-30	J. Williams	. . . . .	S	. . . .	. . .	Mc	620	. . . .	. . do . .	F	D	65	2	444	Known as "Williams Spring." Discharge estimated 1 gpm on 9-27-55.
Q- 1	S. E. Neill	. . . . .	D	140	6	Mg	537	100	10- 8-56	J	D	60	11	150	Supplies 1 family. Drilled in 1927. Sulfurous.
Q- 2	W. D. Cornelius . .	O. McGuire	D	109	6	Mg	494	14.4	. . do . .	J	D	63	13	392	Supplies 2 families. Drilled in 1951.
Q- 3	. . . . .	. . . . do	D	160	6	Kt	506	140	10- 4-56	J	D	61	14	108	Supplies 1 family. Casing: 6-in. to 160 ft.; none below.
Q- 4	J. A. King.	. . . . .	Du	21.8	36	Kt	507	19.0	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
Q- 5	D. B. Davis.	Fred Thompson .	D	120	6	Mt	517	50	10- 5-56	C	D	63	6	196	Casing: 6-in. to 36 ft.; none below.
Q- 6	W. A. Cope.	. . . . .	D	129.2	6	Mt	499	72.5	10- 4-56	M	D	64	34	404	Supplies 1 family. Drilled in 1937. Sulfurous.
Q- 7	E. D. Hooper.	. . . . .	D	68.0	6	Mt	570	35.5	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family.
Q- 8	C. N. Hayes	. . . . .	D	48.5	6	Mg	490	28.8	10- 8-56	M	D	64	5	112	Supplies 1 family. Drilled in 1923. Sulfurous.
Q- 9	W. M. Tamp	R. C. Capley . . .	D	113.0	6	Mg	467	11.7	. . do . .	J	D	64	6	128	Supplies 1 family. Drilled in 1956. Sulfurous.
Q-10	Zodus Vinson	Fred Thompson .	D	87	6	Mt	445	47	10- 5-56	J	D	61	14	160	Has supplied as much as 25 families.
Q-11	Ed Tiers	. . . . .	Du	25.3	48	S	598	15.6	10- 9-56	J	D	. . .	. . .	. . .	Supplies 1 family.
Q-12	A. T. Bolton	. . . . .	Du	12.5	36	S	660	9.5	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
Q-13	A. P. Malone	. . . . .	D	84	6	Mbe	557	32	10- 4-56	C	N	. . .	. . .	. . .	Do.
Q-14	Donald Watkins . . .	. . . . .	D	148.0	6	Mt	462	37.9	. . do . .	M	D	63	7	121	Electric log in files of U.S. Geol. Survey.
Q-15	John S. Harris	. . . . .	D	42.6	6	Mt	504	28.0	. . do . .	J	D	64	0	42	Supply inadequate.
Q-16	O. L. Donald.	. . . . .	Du	35.3	36	Kt	617	26.4	10-10-56	M	D	. . .	. . .	. . .	Supplies 1 family. Casing: 36-in. to 35 ft.; none below.
Q-17	W. T. Denton	. . . . .	Du	33.6	36	Kt	622	30.2	10- 2-56	J	D	. . .	. . .	. . .	Supplies 1 family.
Q-18	M. Woodis.	O. McGuire	D	320	6	Mg Mbe	627	220	. . do . .	T	D	59	14	28	Supplies 1 family. Drilled in 1954. Sulfurous.
Q-19	Raymond Durham . .	. . . . .	Du	37.1	36	S	524	31.1	10- 9-56	M	D	. . .	. . .	. . .	Supplies 1 family.
Q-20	W. A. Reed.	. . . . .	D	200	6	Kt	638	75.2	10- 2-56	J	D	65	13	34	Supplies 3 families. Drilled in 1941.
Q-21	C. O. Bishop.	O. McGuire	D	105.6	6	Kt	619	85.9	. . do . .	J	D	63	0	40	Supplies 1 family. Drilled in 1952.
Q-22	George Waldrop . . .	Bud Copeland . . .	D	282	6	Mt	638	242	. . do . .	T	D	59	10	32	Supplies 1 family. Casing: 6-in. to 260 ft.; none below. Drilled in 1955.
Q-23	. . . . .	. . . . .	Du	47.8	36	Kt	631	44.4	10-10-56	. . .	N	. . .	. . .	. . .	Well not cased.
Q-24	. . . . .	. . . . .	Du	66.1	35	Kt	582	61.3	10- 2-56	. . .	N	. . .	. . .	. . .	
Q-25	C. D. Sparks.	. . . . .	Du	34.5	30	Kt	517	26.0	. . do . .	M	D	63	6	52	Supplies 3 families in summer.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
Q-26	. . . . .	. . . . .	D	76.5	6	Kt	676	74.0	9-10-56	. . .	N	. . .	. . .	. . .	
R- 1	. . . . .	. . . . .	S	. . . .	. . .	Kt	520	. . . .	. . . . .	F	D	58	6	14	Known as "Bishop Spring." Measured discharge, 3.5 gpm on 11-30-55.
R- 2	L. O. Bishop.	. . . . .	Du	48.8	36	S	478	26.2	10- 2-56	. . .	N	. . .	. . .	. . .	
R- 3	F. F. Quillon.	. . . . .	D	51.5	6	Mt	467	21.5	9-20-56	M	D	. . .	. . .	. . .	Casing: 6-in. to 20 ft.; none below. Drilled in 1928. Sulfurous.
R- 4	John J. Burns	. . . . .	S	. . . .	. . .	Kt	540	. . . .	11-28-55	F	D	62	2	22	Known as "Burns Spring." Measured discharge, 0.5 gpm on 11-28-55.
R- 5	Ed Kay	. . . . .	Du	48.8	36	Kt	580	43.6	9-20-56	J	D	58	10	32	Supplies 1 family.
R- 6	Leland Nelson	Walter McCormick	D	253	6	Ms	520	72.7	9-19-56	T	D	63	42	64	Supplies 2 families. Casing: 6-in. to 42 ft.; none below.
R- 7	--Gerdeau.	. . . . .	S	. . . .	. . .	Kt	580	. . . .	9-20-55	F	S	61	2	16	Known as "Lindsey Spring." Discharge estimated 2 gpm on 9-20-55.
R- 8	T. H. Overton	. . . . .	Du	23	36	Kt	515	17	9-19-56	J	D	. . .	. . .	. . .	Casing: 36-in. to 23 ft.; none below.
R- 9	Louis Todd	. . . . .	D	150	6	Ms	486	43.2	. . do . .	J	D	63	134	330	Supplies 1 family. Casing: 6-in. to 50 ft.; none below. Bedrock at 30 ft.
R-10	G. C. Blackburn. . .	. . . . .	Du	47.9	32	Kt	600	45.3	9-20-56	J	D	64	13	144	Supplies 1 family.
R-11	A. C. Puckett	. . . . .	Du	48.5	34	Kt	576	43.5	10-10-56	J	D	. . .	. . .	. . .	Do.
R-12	A. J. Moore	. . . . .	Du	25.9	36	S	483	21.2	11- 5-56	C	D	. . .	. . .	. . .	Do.
S- 1	G. W. McKinney. . .	. . . . .	Du	29.7	36	Kt	714	24.8	9-18-56	C	D	61	20	62	Supplies 2 families.
S- 2	Clayton Choates . . .	McGuire Drilling Co.	D	107.8	6	Ms	676	79.2	. . do . .	J	D	62	21	36	Casing: 6-in. to 60 ft.; none below.
S- 3	Raymond Sherrill . .	. . . . .	D	123	6	Mg	610	120	. . do . .	P	D	. . .	. . .	. . .	Supply inadequate.
S- 4	Joe Pugh.	. . . . .	S	. . . .	. . .	Kt	700	. . . .	9- 1-55	F	D	61	6	40	Known as "Pugh Spring." Discharge estimated 7 gpm on 9-1-55.
S- 5	Rex Holland.	. . . . .	Du	29.3	36	S	673	24.1	11-28-56	M	D	61	15	52	Supplies 2 families.

S- 6	C. E. Thorn	Bud Copeland . . .	D	141	6	Mb	795	. . . .	. . . . .	J	D	73	13	188	Casing: 6-in. to 55 ft.; none below.
S- 7	W. E. Kirkendahl . .	. . . . .	Du	32.7	27	Mb	620	26.2	9-29-55	M	D	63	13	346	Supplies 6 people. Cement tile to 32 feet.
S- 8	Jim Thorn	. . . . .	Du	32.3	36	Mb	635	30.9	. . do . .	J	D	73	85	326	Supplies 1 family.
S- 9	. . . . do	Estes Hargett. . .	D	62.7	6	Mb	635	49.7	. . do . .	. . .	N	62	30	314	Iron taste.
S-10	Joe Pugh	. . . . .	Du	16.2	32	S	654	13.6	11-28-56	M	D	. . .	. . .	. . .	Dry during fall.
S-11	Jim Thorn	. . . . .	S	. . . .	. . .	Mh	680	. . . .	9-20-55	F	N	60	. . .	. . .	Known as "Polk Thorn Spring." Discharge estimated 2 gpm on 9-20-55.
T- 1	T. R. Pounders . . .	. . . . .	Du	18.9	36	S	530	14.7	7-30-56	M	D	62	49	352	Supply inadequate.
T- 2	Buford Deaton	. . . . .	Du	12.4	36	Mh	817	.9	8-23-56	C	D	57	7	18	Well dug on site of old spring.
T- 3	Texas-Eastern Pumping Station.	Texas Eastern . .	D	100	6	Mh	697	60	. . do . .	T	P	. . .	. . .	. . .	Water is chlorinated and supplies 7 families and rest rooms at pumping station.
T- 4	Robert L. Stanfield .	. . . . .	D	120.5	6	Mh	780	81.3	8-28-56	M	D	63	20	4	Casing: 6-in. to 17 ft.; none below.
T- 5	W. R. Stringer. . . .	. . . . .	D	125.0	6	Mg	723	82.0	7-30-56	M	D	64	13	138	Supplies 1 family. Casing: 6-in. to 20 ft.; none below. Drilled in 1956.
T- 6	Robert L. Stanfield .	. . . . .	D	300	6	Mg	776	165.8	8-24-56	P	N	. . .	. . .	. . .	Drilled in 1930.
T- 7	W. H. Watson	. . . . .	Du	18	34	Mh	760	13	8-28-56	P	D	62	20	42	Supplies 1 family. Bedrock at 17 feet.
T- 8	Turner Pounders . .	. . . . .	D	129.0	6	Mh	841	84.3	. . do . .	. . .	N	. . .	. . .	. . .	
T- 9	--Hester	. . . . .	S	. . . .	. . .	Mh	760	. . . .	9-20-55	F	D	61	5	8	Known as "Flagg Spring." Supplies 10 people. Discharge estimated 5 gpm on 9-20-55.
T-10	A. C. Kirchner . . .	. . . . .	Du	24.3	36	S	784	21.7	11-28-56	M	D	. . .	. . .	. . .	Supplies 1 family. Casing: 36-in. to 25 ft.; none below.
T-11	. . . . .	. . . . .	D	154.5	6	Mh	865	122.1	11-26-56	. . .	N	. . .	. . .	. . .	
T-12	J. Hodge	. . . . .	Du	19.8	36	Mh	764	13.0	11-27-56	P	D	. . .	. . .	. . .	Bedrock at 20 feet.
T-13	Ancel Dailey	O. McGuire	D	120	6	Mh	712	60	11-28-56	J	D	61	14	112	Supplies 1 family.
T-14	Okey Hester.	. . . . .	Du	30.7	32	Kt	860	19.9	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
T-15	D. Hendrix	. . . . .	Du	14.0	36	Kt	703	12.0	11-19-56	P	D	. . .	. . .	. . .	
T-16	. . . . .	. . . . .	Du	19.0	34	S	713	11.7	11-26-56	. . .	N	. . .	. . .	. . .	
T-17	S. D. Hester	. . . . .	Du	33.4	48	Mb	749	26.7	11-27-56	M	D	. . .	. . .	. . .	Bedrock at 12 feet.
T-18	Rock Creek School .	. . . . .	D	50	6	Mh	785	. . . .	. . do . .	J	P	62	1	66	Supplies 25 to 80 students.
T-19	G. J. Pounders . . .	. . . . .	Du	15.2	36	S	702	10.4	11-28-56	. . .	N	. . .	. . .	. . .	
T-20	Wilber Jones	. . . . .	Du	22.9	34	S	703	19.5	11-27-56	M	D	. . .	. . .	. . .	Dry during fall and winter.
T-21	A. C. Kirchner . . .	O. McGuire	D	84.5	6	Mh	645	12.7	11-28-56	M	D	62	14	88	Casing: 6-in. to 22 ft.; none below.
T-22	J. P. Johnson	. . . . .	Du	20.0	36	S	636	14.9	. . do . .	M	D	. . .	. . .	. . .	

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
T-23	R. G. Rickard	. . . . .	Du	18.0	36	Mb	649	13.0	11-27-56	M	D	. . .	. . .	. . .	Supplies 1 family.
T-24	W. R. Johnson. . . .	O. McGuire. . . .	D	169	6	Mb	700	91.3	11-28-56	J	D	62	14	86	Supplies 2 families. Casing: 6-in. to 11 ft.; none below.
T-25	R. D. Hester.	. . . . .	D	65.0	6	Kt	842	50.5	11-27-56	M	N	. . .	. . .	. . .	Iron taste.
T-26	E. K. Greenhill . . .	. . . . .	D	58.5	5	Mb	676	34.5	. . do . .	M	D	61	14	80	
T-27	V. L. Taylor.	. . . . .	Du	32.1	36	S	644	25.8	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
T-28	A. E. Hester.	O. McGuire. . . .	D	66.5	6	Mh	684	29.0	11-26-56	M	D	. . .	. . .	. . .	Supplies 1 family. Casing: 6-in. to 8 ft.; none below.
T-29	William Henry	. . . . .	Du	22.5	36	S	702	20.3	11-19-56	M	D	. . .	. . .	. . .	Supply inadequate.
T-30	Lenny Hester.	. . . . .	Du	30.5	30	Kt	850	27.8	. . do . .	M	D	. . .	. . .	. . .	Dry at times.
T-31	. . . . .	. . . . .	Du	31.9	30	Kt	944	29.6	. . do . .	. . .	N	. . .	. . .	. . .	Do.
U- 1	--Wagnon	. . . . .	Du	28.0	36	S	785	22.3	8- 3-56	J	D	63	2	121	Supply inadequate.
U- 2	Albert Richard. . . .	. . . . .	Du	20.6	34	S	750	17.3	. . do . .	M	D	. . .	. . .	. . .	Do.
U- 3	L. D. Malone.	. . . . .	D	105	6	S	784	45	8- 2-56	P	N	. . .	. . .	. . .	
U- 4	. . . . do	. . . . .	Du	30.0	32	S	784	25.0	. . do . .	J	D	63	0	50	Supplies 1 family.
U- 5	R. P. Davis.	Warren Kent . . .	D	78	6	Mh	736	28	8- 7-56	J	D	. . .	. . .	. . .	Casing: 6-in. to 17 ft.; none below.
U- 6	E. P. Garrett	. . . . .	D	250	6	Mh	760	44.0	8- 1-56	P	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1955.
U- 7	J. T. Alexander. . .	. . . . .	Du	25.0	36	S	752	22.0	. . do . .	J	D	64	0	55	Supplies 2 families.
U- 8	. . . . do	Warren Kent . . .	D	114.2	6	Mh	761	75.0	. . do . .	M	D	61	12	104	Supplies 1 family. Casing: 6-in. to 14 ft.; none below. Drilled in 1945.
U- 9	R. M. Kimbrough. .	. . . . .	Du	19.5	36	S	735	15.7	8- 2-56	M	N	. . .	. . .	. . .	Dry during summer. Supplies 1 family.
U-10	J. F. Malone.	. . . . .	D	60	6	Mh	738	20	8- 7-56	P	D	64	0	78	Casing: 6-in. to 7 ft.; none below.
U-11	New Bethel School. .	. . . . .	D	700	6	Mh	750	. . . .	. . . . .	. . .	N	. . .	. . .	. . .	
U-12	Gerry Hester.	. . . . .	Du	20.0	36	S	766	10.9	8- 2-56	J	D	62	0	60	Supplies 1 family.

U-13	H. E. Owen	. . . . .	Du	21.2	36	S	800	16.6	8- 2-56	M	D	. . .	. . .	. . .	Supplies 1 to 3 families. Casing: 36-in. to 21 ft.; none below. Supply inadequate.
U-14	W. T. Morgan	. . . . .	D	182.0	6	Mg	764	96.5	. . do . .	. . .	N	. . .	. . .	. . .	Supply inadequate.
U-15	J. C. Tamp	. . . . .	D	28.1	38	S	744	9.1	. . do . .	J	D	63	5	40	Supplies 1 family.
U-16	J. L. Reed	. . . . .	Du	34.0	36	S	784	26.2	. . do . .	M	D	64	6	50	Supplies 1 family. Casing: 36-in. to 34 ft.; none below. Supply inadequate.
U-17	Noah Mitchell	. . . . .	Du	35.7	54	S	771	18.5	11-15-55	M	D	65	9	12	Supplies 2 families.
U-18	J. R. Byrd	. . . . .	Du	18.5	48	S	758	15.2	. . do . .	M	D	64	26	74	Supplies 1 family.
U-19	Roy Mitchell	. . . . .	Du	36.5	36	S	780	35.1	11-19-56	M	D	. . .	. . .	. . .	Do.
U-20	Hillard Hester	Warren Kent . . .	D	77	6	Mb	795	. . . .	8- 2-56	J	D	64	5	748	Do.
U-21	R. Kimbrough	. . . . do	D	75.0	6	Mb	785	11.6	. . do . .	J	D	63	0	386	Do.
U-22	A. L. Kimbrough . .	. . . . .	D	271.0	6	Mg	864	205.3	11-14-56	M	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1953.
U-23	. . . . .	. . . . .	Du	17.4	36	S	836	13.1	11-15-56	. . .	N	. . .	. . .	. . .	
U-24	. . . . .	. . . . .	Du	21.6	36	S	769	20.7	. . do . .	. . .	N	. . .	. . .	. . .	
U-25	Noah Hester.	. . . . .	Du	26	48	S	910	20	. . do . .	J	D	. . .	. . .	. . .	Supplies 1 family.
U-26	W. E. Mathews . . .	. . . . .	Du	18.7	36	S	720	11.0	. . do . .	M	D	. . .	. . .	. . .	Dry during summer.
U-27	J. M. McCollister .	Warren Kent . . .	D	141	6	Mh	723	101	11-19-56	J	D	. . .	. . .	. . .	Casing: 6-in. to 14 ft.; none below. Reported yield, 4 gpm 11-19-56. Drilled in 1955.
U-28	G. W. Kilpatrick . .	. . . . .	Du	18	36	S	713	14	11-14-56	P	D	. . .	. . .	. . .	Supplies 1 family.
U-29	J. Lindsey.	Rhoden Drilling Co.	D	190	6	Mb	752	100	11-19-56	J	D	. . .	10	80	Supplies 3 families.
U-30	G. R. Burcham . . .	. . . . .	D	47.0	6	Mb	708	18.2	4-27-56	M	D	59	19	290	Supplies 1 family.
U-31	Luster Kimbrough. .	. . . . .	D	34.7	6	Mb	711	19.6	. . do . .	M	N	59	57	158	
U-32	. . . . do	Warren Kent . . .	D	101	6	Mb	709	28.0	. . do . .	J	D	59	33	238	Supplies 7 people. Casing: 6-in. to 11 ft.; none below.
U-33	A. E. Flack.	A. E. Flack. . . .	D	96.9	6	Mb	748	62.9	11-19-56	M	D	61	14	60	Supplies 1 family. Drilled in 1934.
U-34	H. H. James	. . . . .	D	43.7	6	Kt	823	30.7	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family.
U-35	W. Rollins.	Barrs Drilling Co.	D	37.3	6	Mh	688	27.1	. . do . .	M	D	. . .	. . .	. . .	Casing: 6-in. to 9 ft.; none below. Supply inadequate.
U-36	Lewis Kimbrough . .	. . . . .	Du	60.7	30	Kt	917	. . . .	. . . . .	. . .	. . .	. . .	. . .	. . .	Dry when measured.
U-37	Jeff Winstead.	. . . . .	D	43.7	6	Mh	729	25.4	11-15-56	M	D	. . .	. . .	. . .	Supplies 1 family.
U-38	Lily Rickard	. . . . .	Du	55.2	34	Kt	960	. . . .	. . . . .	M	D	. . .	. . .	. . .	Dry during summer.
U-39	Oak Grove School . .	. . . . .	D	425	6	Mb	980	325	11-15-56	J	P S	62	10	50	Supplies 115 people including school students and 3 families.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
U-40	O. W. Hester.	. . . . .	Du	58	6	Kt	963	56	11-15-56	J	D	. . .	. . .	. . .	Supply inadequate.
U-41	H. A. Kimbrough . .	. . . . .	S	. . . .	. . .	Mb	. . . .	. . . .	9-21-55	F	D	62	5	246	Known as "Kimbrough Spring." Supplies 8 people. Discharge estimated 2 gpm on 9-21-55.
U-42	Zeo Lindsey.	. . . . .	Du	45.0	24	Kt	943	41.2	11-15-56	M	D	62	5	60	Supplies 1 family.
U-43	Otis Hester	. . . . .	Du	62.5	30	Kt	945	57.0	. . do . .	M	D	. . .	. . .	. . .	Low during dry season.
U-44	William Sparks. . . .	. . . . .	Du	39.6	36	Kt	939	36.9	11-19-56	M	D	. . .	. . .	. . .	Supplies 1 family.
U-45	O. L. Johnson	. . . . .	Du	48.0	32	Kt	894	39.0	11-14-56	J	D	. . .	. . .	. . .	Casing: 32-in. to 48 ft.; none below.
U-46	. . . . do	. . . . .	Du	50	36	Kt	940	37.0	. . do . .	. . .	N	. . .	. . .	. . .	Water reported to have a milky color.
V- 1	Mrs. W. M. Minor.	Rhoden Drilling Co.	D	121.6	6	Kt	491	35.7	10- 4-55	M	D	62	16	284	Supplies 18 people.
V- 2	J. Y. Counts	Bud Copeland. . .	D	78.9	6	Kt	488	37.1	. . do . .	M	D S	62	33	352	Supplies 14 people and 5 head of stock. Casing: 6-in. to 33 ft.; none below. Sulfurous.
V- 3	Noble Ligon.	. . . . .	D	57.5	6	Kt	500	43.5	. . do . .	M	N	62	2	220	
V- 4	R. T. Thompson. . .	Bud Copeland. . .	D	180	6	Mg	531	80.8	. . do . .	J	D	. . .	16	442	Supplies 3 people. Drilled in 1954.
V- 5	J. L. Hollingsworth	. . . . do	D	119.0	6	Mg	507	49.5	. . do . .	M	D	62	0	352	Supplies 8 people. Drilled in 1955.
V- 6	Claude Kellam	. . . . do	D	171.3	6	Mg	498	29.3	. . do . .	M	D	63	37	544	Supplies 15 people. Drilled in 1955. Sulfurous.
V- 7	Ligon Estate	. . . . .	D	73.4	6	Mg	519	49.3	10- 3-55	M	D	62	9	368	Supplies 1 family. Drilled in 1955. Sulfurous.
V- 8	Henry Marshall . . .	Bud Copeland. . .	D	. . . .	6	Mg	543	. . . .	. . do . .	J	D	. . .	9	292	Supplies 13 people. Drilled in 1955. Sulfurous.
V- 9	James Nix.	. . . . do	D	189	6	Mg	524	. . . .	. . do . .	J	D	. . .	39	368	Supplies 4 people. Drilled in 1955. Sulfurous.
V-10	W. L. Vess	Bug Sweat	D	103.0	6	Mh	804	81.4	11-17-55	M	D	61	6	26	Supplies 1 family. Drilled in 1945.
V-11	J. E. Kent.	. . . . do	D	19.0	10	Mh	839	15.6	. . do . .	M	D	67	2	10	Supplies 7 people. Casing: 10-in. to 2 ft.; none below. Drilled in 1942.
V-12	. . . . .	. . . . .	S	. . . .	. . .	Mh	. . . .	. . . .	8-31-55	F	N	65	9	46	Known as "White House Spring." Discharge estimated 5 gpm on 8-31-55.
V-13	W. W. Honey.	Curtis Spangler .	D	66.1	6	Mh	813	62.8	11-29-55	M	D	61	6	10	Supply inadequate. Drilled in 1953.

V-14	Harrin Quillon	. . . . .	D	64.4	6	Mh	800	54.7	11-17-55	M	D	61	2	22	Supplies 1 family.
V-15	W. J. Enloe, Jr. . .	. . . . .	D	66.9	6	Mh	800	55.2	. . do . .	M	D	61	0	10	Do.
V-16	C. J. Brown	Edgar Brown . . .	D	76.0	6	Mh	802	58.6	. . do . .	M	D	61	2	12	Supplies 1 family. Casing: 6-in. to 18 ft.; none below. Drilled in 1947.
V-17	Carl James	. . . . .	D	63.2	6	Mh	823	58.0	12-19-55	. . .	N	. . .	. . .	. . .	
V-18	B. Davis	. . . . .	D	89.8	6	Mg	503	58.9	11-14-55	M	D	61	54	304	Supplies 2 families.
V-19	J. R. Jackson	Bud Copeland . . .	D	98.5	6	Mg	514	66.9	. . do . .	M	D	62	9	290	Supplies 1 family. Casing: 6-in. to 10 ft.; none below. Drilled in 1949.
V-20	Olive Davis	. . . . .	D	15.3	6	S	506	14.9	11-15-55	M	D	. . .	. . .	. . .	Supplies 1 family.
V-21	. . . . do	O. McGuire	D	80.3	6	Mg	510	63.3	. . do . .	M	D	61	30	364	Supply inadequate.
V-22	Luther Hovater. . . .	. . . . do	D	166	6	Mg	539	83	. . do . .	J	D	. . .	13	402	Supplies 2 families. Casing: 6-in. to 8 ft.; none below. Drilled in 1950. Sulfurous.
V-23	W. C. Johnson	. . . . do	D	145	6	Mg	530	. . . .	. . . . .	J	D	. . .	13	312	Supplies 1 family. Drilled in 1954.
V-24	A. J. McBrayer . . .	Earl Crowden. . .	D	61.0	6	Mh	773	51.9	11-15-55	M	D	62	6	20	Supplies 2 people. Drilled in 1934. Water reported to have a yellow color.
V-25	R. W. Richardson. .	Warren Kent . . .	D	103.1	6	Mh	764	63.8	. . do . .	M	D	61	6	18	Supplies 1 family. Casing: 6-in. to 5 ft.; none below. Drilled in 1954.
V-26	R. P. Andrews. . . .	Chipolet Drilling Co.	D	130.6	6	Mh	801	83.6	12-19-55	M	D	61	2	36	Supplies 1 family. Drilled in 1954.
V-27	Charles E. Davis . .	. . . . do	D	56.2	6	Mh	798	31.3	. . do . .	M	D	63	6	18	Supplies 1 family. Drilled in 1948.
V-28	D. M. White	. . . . do	D	127.8	6	Mh	814	63.8	. . do . .	M	D	60	2	18	Supplies 1 family. Drilled in 1955.
V-29	J. R. Hester	. . . . do	D	97.7	6	Mh	792	50.6	11-23-55	J	D	. . .	6	22	Supplies house and store. Drilled in 1952.
V-30	Etta Isbell	Edgar Brown . . .	D	74.2	6	Mh	783	52.0	11-29-55	. . .	N	. . .	. . .	. . .	Drilled in 1942.
V-31	A. L. Bishop	. . . . do	D	63.1	6	Mh	770	48.1	. . do . .	M	D	62	2	14	Supplies 5 people. Casing: 6-in. to 4 ft.; none below. Drilled in 1946.
V-32	Atta Isbell	. . . . .	D	80.1	6	Mh	756	55.3	. . do . .	M	D	61	6	22	Supplies 5 people. Deepened from 42 ft. to 80 ft. in 1952.
V-33	R. W. Jones	. . . . .	D	51.4	6	Mh	754	41.1	. . do . .	M	D	62	13	24	Supply inadequate. Drilled in 1953.
V-34	Mrs. Kelly Elledge.	Edgar Brown . . .	D	39.8	6	Mh	763	33.8	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate. Drilled in 1944.
V-35	H. R. Sullivan	. . . . .	D	79.2	6	S	500	39.3	10- 3-55	J	D	. . .	95	96	Supply inadequate. Sulfurous.
V-36	C. H. Moore	Bud Copeland . . .	D	52.4	6	S	490	13.0	. . do . .	M	D	67	16	36	Supplies 4 people. Drilled in 1953.
V-37	J. W. Berryhill . . .	. . . . do	D	. . . .	6	Mg	516	. . . .	. . . . .	. . .	D S	. . .	54	918	Supplies 2 people and 3 head of stock.
V-38	. . . . do	. . . . .	D	86.5	6	Mg	513	20.4	10- 3-55	M	D	62	64	916	Strong iron taste.
V-39	Henry Barry	. . . . .	D	65.5	6	Mg	503	28.4	. . do . .	M	D	63	40	402	Supplies 1 family.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
V-40	Bud Copeland	Bud Copeland...	D	243.0	6	Mb	540	59.0	12-11-56	...	N	...	...	...	Electric log in files of U.S. Geol. Survey.
V-41	John H. Cooley....	Warren Kent ...	D	66.4	8	Mh	771	18.6	4-18-56	M	D	59	6	34	Supplies 7 people. Casing: 8-in. to 8 ft.; none below.
V-42	E. H. Isom	....do	D	48.9	6	Mh	768	29.0	12-19-55	M	D	...	...	...	Supply inadequate.
V-43	M. A. Henderson ..	.....	D	42	6	Mh	754	21	..do..	J	D S	...	2	154	Do.
V-44	A. A. Wright.....	.....	D	22.0	6	Mh	772	5.1	4-18-56	C	D	...	16	22	Supplies 1 family.
V-45	Mike Johnson.....	.....	D	49.2	6	Mh	776	15.4	4-17-56	M	D	...	...	...	Supplies 6 people.
V-46	....do	.....	D	41.0	6	Mh	774	16.0	..do..	J	D	...	...	...	Supplies 1 family.
V-47	Lonnie Vandiver...	.....	D	19.2	6	Mh	762	10.9	..do..	M	D	...	...	...	Do.
V-48	Olin C. Taylor....	Edgar Brown ...	D	37.1	6	Mh	763	4.8	4-18-56	M	N	57	13	44	Water reported to have yellow color. Drilled in 1950.
V-49	E. Hurlburt.....	Warren Kent ...	D	44.8	6	Mh	764	22.9	12-19-55	J	D	...	...	...	Supply inadequate.
V-50	J. H. Honey.....	Edgar Brown ...	D	44.1	6	Mh	777	24.6	..do..	M	D	62	9	32	Supplies 1 family. Casing: 6-in. to 11 ft.; none below. Drilled in 1947. Water reported to have high iron content.
V-51	A. C. McBrayer...	.....	D	28.5	6	Mh	731	13.5	4-27-56	...	N	...	...	...	
V-52	Almon B. Davis ...	.....	D	22.8	6	Mb	738	11.4	..do..	M	D	58	50	90	Supplies 1 family.
V-53	L. V. Peters.....	.....	D	47.6	6	Mh	738	17.4	..do..	J	D	...	13	29	Supply inadequate.
V-54	C. C. Bingham....	Edgar Brown ...	D	109.9	6	Mh	778	83.4	4-26-56	...	N	...	...	...	Drilled in 1947.
V-55	....do	Warren Kent ...	D	71.1	6	Mh	778	25.4	..do..	M	D	61	6	118	Supplies 5 people. Drilled in 1956.
V-56	Doyal Head	....do	D	51.7	6	Mh	753	12.2	..do..	M	D	59	13	8	Water has 2 ppm of iron. Drilled in 1955.
V-57	Myrtle McDaniel...	....do	D	78	6	Mh	742	17.8	..do..	M	D	59.5	40	44	Supplies 1 family. Drilled in 1955.
V-58	Frank Nix	.....	D	59.7	6	Mh	735	21.6	4-19-56	...	N	...	...	...	
V-59	Mrs. Alta Cooley ..	Edgar Brown ...	D	63.1	6	Mh	745	11.6	..do..	M	D	58	107	78	Supplies 8 people. Drilled in 1946.

V-60	Mrs. Alta Cooley . .	Edgar Brown . . .	D	68.6	6	Mh	706	15.2	4-19-56	M	D	58	6	34	Supplies 4 people. Drilled in 1945.
V-61	Mrs. Quillon Nichols.	. . . . .	D	59.6	6	Mh	714	12.6	. . do . .	M	D	58	9	20	Supplies 1 family.
V-62	W. A. Washburn. . .	Warren Kent . . .	D	105.1	6	Mh	757	33.0	4-17-56	M	D	. . .	. . .	. . .	Supplies 1 family. Drilled in 1955.
V-63	S. H. Scoggins. . . .	Bud Copeland. . .	D	100	6	Mh	737	17	4-18-56	T	D	. . .	. . .	. . .	Casing: 6-in. to 8 ft.; none below. Reported yield, 2.5 gpm 4-18-56.
V-64	. . . . do	. . . . do	D	215	6	S	755	89.0	. . do . .	. . .	N	. . .	. . .	. . .	Can be drawn dry in 30 minutes.
V-65	M. T. Clark	Charles Richey. .	D	31.7	6	S	765	17.4	. . do . .	M	D	61	9	136	Casing: 6-in. to 24 ft.; none below. Drilled in 1954.
V-66	. . . . do	Willingham and Jeffries.	D	25.2	6	Mh	764	16.7	. . do . .	. . .	N	. . .	. . .	. . .	
V-67	J. C. Pace	Warren Kent . . .	D	51.7	6	Mh	750	17.1	4-17-56	M	D	. . .	. . .	. . .	Casing: 6-in. to 10 ft.; none below.
V-68	Henry L. Bailey. . .	. . . . do	D	71.8	6	Mh	724	9.5	4-19-56	M	D	58	9	164	Supplies 5 people. Casing: 6-in. to 15 ft.; none below.
V-69	W. R. Bullingham. .	. . . . .	D	28.2	6	Mh	706	13.4	4-11-56	M	D	. . .	. . .	. . .	Supplies 7 people.
V-70	John Lee.	. . . . .	D	60.7	6	Ms	671	27.9	. . do . .	M	D	61	2	232	Supplies 4 people.
V-71	. . . . do	. . . . .	D	192.2	6	Kt	670	64.6	. . do . .	. . .	N	. . .	. . .	. . .	Electric log in files of U.S. Geol. Survey. Observation well.
V-72	W. W. McWilliams.	Warren Kent . . .	D	121.8	6	Mg	674	52.8	. . do . .	J	D	. . .	0	340	Supplies 7 people.
V-73	G. W. Cantrell . . .	Mitchell Drilling Co.	D	42.0	6	Mh	663	2.4	4- 9-56	M	D	56	43	158	Supplies 2 families. Casing: 6-in. to 8 ft.; none below.
V-74	C. C. Hood	Bud Copeland. . .	D	78.0	6	Mh	730	12.0	4-20-56	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 8 ft.; none below.
V-75	. . . . do	. . . . do	D	125	6	Mh	730	. . . .	. . do . .	. . .	N	. . .	. . .	. . .	
V-76	. . . . . do	. . . . do	D	61.5	6	Mh	730	15.0	. . do . .	. . .	N	. . .	. . .	. . .	Casing: 6-in. to 9 ft.; none below.
V-77	Hattie Bell King . . .	Warren Kent . . .	D	30.9	6	Mh	747	8.4	4-18-56	M	D	58	30	164	Supplies 1 family.
V-78	Robert Pirtle.	Edgar Brown . . .	D	70.9	6	Mh	705	16.3	4-19-56	M	D	59	16	90	Casing: 6-in. to 16 ft.; none below.
V-79	M. E. Mtharp	. . . . .	D	33.6	6	Mh	738	11.6	4-20-56	. . .	N	. . .	. . .	. . .	
V-80	Eugene Harper. . . .	. . . . .	D	48.3	5	Mh	719	3.5	. . do . .	M	D	57	36	44	Supplies 2 families. Casing: 5-in. to 6 ft.; none below.
V-81	G. E. Hyde	. . . . .	D	22.6	6	Mg	703	4.4	. . do . .	M	D	56	37	404	Supplies 2 families.
V-82	Cecil Green.	Warren Kent . . .	D	127.8	6	Mh	711	54.8	. . do . .	M	D	61	107	62	Supplies 2 families. Casing: 6-in. to 16 ft.; none below.
V-83	W. R. Bullington . .	. . . . .	D	78.3	5	S Mh	712	59.4	. . do . .	M	D	61	13	136	Supplies 5 families.
V-84	Alma Wright	Warren Kent . . .	D	38.9	6	S	691	. . . .	. . . . .	M	D	. . .	26	296	Supplies 1 family. Drilled in 1952.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
V-85	Floyd Segars	Bud Copeland . . .	D	41.8	6	S	690	4.2	4-20-56	M	D	58	26	160	Supplies 2 families. Drilled in 1952.
V-86	W. R. Bullington . .	. . . . .	D	29.7	6	S	679	1.1	. . do . .	M	D	58	67	468	Supplies 6 people. Drilled in 1954.
V-87	Mrs. --Bullington. .	. . . . .	D	. . . .	6	S	685	12.0	4-25-56	M	D	59	54	146	Supplies 3 families. Drilled in 1954.
V-88	Davis Bullington . . .	. . . . .	D	98.2	6	Mh	689	8.2	. . do . .	M	D	59	81	60	Supplies 2 families.
V-89	Eddie Dodson	. . . . .	D	49.8	6	Mh	690	6.6	. . do . .	. . .	N	. . .	. . .	. . .	Water reported to have high iron content.
V-90	J. E. Askew	Edgar Brown . . .	D	42.5	6	Mh	700	6.8	. . do . .	M	D	59	37	96	Supplies 1 family. Drilled in 1949.
V-91	. . . . do	Ed Jeffries	D	35.1	6	Mh	709	7.7	. . do . .	M	D	59	72	231	Low at times.
V-92	Paul Blackwood . . .	. . . . .	D	40.9	6	S	677	8.2	4-20-56	M	D	60	234	936	
V-93	W. L. Sercey.	Warren Kent . . .	D	47.3	6	Mh	673	2.5	. . do . .	M	D	57	37	56	Supplies 2 families.
V-94	W. R. Bullington . .	C. H. Dodson. . .	D	400.0	6	Mh	698	72.7	11-30-56	. . .	N	61	15	192	U.S. Geol. Survey test well. Sample and electric logs in files of U.S. Geol. Survey.
V-95	C. C. Bingham. . . .	Warren Kent . . .	D	42.1	6	Mh	708	9.7	4-26-56	. . .	N	. . .	. . .	. . .	
V-96	. . . . do	. . . . do	D	108.1	6	Mh	701	48.0	. . do . .	M	D	. . .	. . .	. . .	Supplies 5 people. Drilled in 1954.
V-97	Davis Bullington . . .	Chipolet Drilling Co.	D	79.5	6	Mh	689	29.6	. . do . .	M	D	. . .	. . .	. . .	Supplies 6 people. Drilled in 1952.
V-98	C. E. Myhan	. . . . do	D	72.5	6	Mh	701	38.0	. . do . .	M	D	. . .	9	52	Water contains 7 ppm of iron.
V-99	W. H. Pennington . .	Warren Kent . . .	D	44.4	6	S	615	10.3	4-27-56	C	D	. . .	13	182	Supplies 12 people. Drilled in 1955.
V-100	Robert L. Pennington.	. . . . do	D	82.4	6	S	636	27.6	. . do . .	M	D	60	6	488	Supplies 7 people. Drilled in 1956.
V-101	Ernest Gilbert	. . . . do	D	70.2	6	S	679	22.2	. . do . .	M	D	61	37	160	Supplies 6 people. Drilled in 1955.
V-102	Ausie Taylor	. . . . .	D	45.4	6	S	679	21.0	. . do . .	M	D	61	0	214	Supplies 1 family.
V-103	Russ Ellidge	. . . . .	D	21.9	6	S	662	2.2	. . do . .	M	D	. . .	. . .	. . .	
V-104	Jackie Dobbins	. . . . .	D	37.1	6	Mh	700	14.7	. . do . .	. . .	N	. . .	. . .	. . .	Supplies 1 person.
V-105	Millard Kenny	. . . . .	D	73.5	6	S	681	26.1	4-26-56	M	D	61	54	104	Supplies 7 people.

V-106	Frank Hyde	Bud Copeland . . .	D	108.4	6	S	700	71.5	4-26-56	M	D	61	2	108	Water is cloudy.
V-107	. . . . do	. . . . .	D	15.2	6	S	700	4.2	. . do . .	. . .	N	. . .	. . .	. . .	Dry during summer and fall.
V-108	James W. Brown . .	. . . . .	D	150	6	S	728	15.7	4-25-56	J	D	. . .	26	114	Supply inadequate.
V-109	Frank Hyde	Bud Copeland . . .	D	98.0	6	S	699	17.2	. . do . .	J	D	. . .	23	182	
V-110	George D. Fisher . .	Chipolet Drilling Co.	D	104.6	6	S	650	11.1	4- 9-56	J	D	56	80	164	Supplies 1 to 4 families.
V-111	H. T. Quillon.	. . . . do	D	99.4	6	Mb	709	4.6	. . do . .	M	D	59.5	13	150	Supplies 4 families. Electric log in files of U.S. Geol. Survey.
V-112	Eddie Dodson	. . . . do	D	43.7	6	S	668	12.1	. . do . .	M	D	59	197	116	Supplies 6 people.
V-113	A. C. Myrick.	. . . . do	D	51.2	6	Mb	655	8.2	. . do . .	M	D	57.5	13	110	Supply inadequate.
V-114	J. S. Scott	. . . . do	D	69.6	6	Mb	651	5.7	4- 6-56	M	D	57	23	216	Casing: 6-in. to 8 ft.; none below. Drilled in 1949.
V-115	Arthur Isbell	Alvin Mitchell . .	D	47.7	5	S	653	1.8	. . do . .	M	D	57	9	82	Supplies 1 family. Drilled in 1948.
V-116	Gordon J. Fuller . .	. . . . .	D	26.7	6	S	642	1.1	. . do . .	M	D	56.5	157	136	Supplies 1 family and store.
V-117	Eddie Dodson	Warren Kent . . .	D	100	6	S	658	30	4- 9-56	J	D S	. . .	. . .	. . .	Supplies 6 people and 15 head of stock. Casing: 6-in. to 14 ft.; none below.
V-118	City of Littleville . .	. . . . do	D	284.5	6	Mh	684	14.0	11-30-56	. . .	N	. . .	. . .	. . .	Estimated yield less than 1 gpm on 11-30-56. Electric log in files of U.S. Geol. Survey. Drilled in 1956.
W- 1	R. D. Ford	Rhoden Drilling Co.	D	141.5	6	Mt	601	50.1	5-23-56	. . .	N	. . .	. . .	. . .	Observation well. Water reported to have soda taste.
*W- 2	E. M. Ford	Bud Copeland . . .	D	288	6	Mg	593	52	. . do . .	J	D	. . .	323	46	Observation well. Water has a light-blue color and contains soda. Sulfurous.
W- 3	Edgar Keiser, Sr . .	Charles Richey. .	D	57.0	6	Kt	850	34.7	6- 5-56	M	D	61	2	26	Casing: 6-in. to 8 ft.; none below.
W- 4	Dewey Isbell	Morgan Brothers Drilling Co.	D	83.1	6	Mfp	486	4.3	6- 4-56	M	D S	61	16	158	Supplies 5 people and 8 head of stock. Sulfurous.
W- 5	Sam Smallwood. . . .	Bud Copeland . . .	D	74.9	6	Mg	513	34.1	. . do . .	M	D	62	43	298	Supplies 1 family. Sulfurous. Drilled in 1948.
W- 6	W. H. Berryman . .	. . . . .	D	39.5	6	Mh	508	24.8	10-10-55	M	D	62	88	780	Supplies 1 family. Sulfurous.
W- 7	Paul Crittenden . . .	Bud Copeland . . .	D	152	6	Mg	508	53.7	10- 6-55	J	D	. . .	2	638	Supplies 5 people. Sulfurous. Drilled in 1955.
W- 8	J. R. Franks	. . . . do	D	78	6	Mg	492	. . . .	. . do . .	J	D	. . .	2	352	Supplies 4 people. Drilled in 1951.
W- 9	J. Y. Counts	Curtis Spangler .	D	67	6	Mt	492	. . . .	. . do . .	J	D S	. . .	9	266	Supplies 5 people and 5 head of stock. Drilled in 1951.
W-10	. . . . do	Lavender Drilling Co.	D	43.8	6	Mt	492	36.4	. . do . .	. . .	N	. . .	. . .	. . .	Drilled in 1910.
W-11	Henry Chaney.	. . . . .	D	. . . .	6	Mg	502	. . . .	. . do . .	J	D	. . .	30	404	Supplies 7 people.

Table 1. --Records of wells and springs in Colbert County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
W-12	Russel McDonald . .	. . . . .	D	144.5	6	Mg	506	50.9	10- 7-55	M	D	62	91	1,408	Supplies 7 people. Sulfurous.
W-13	W. W. McDonald . .	Bud Copeland. . .	D	93.8	6	Mg	497	43.7	10-10-55	J	D	62	0	328	Sulfurous.
W-14	A. C. Berryman. . .	Curtis Spangler .	D	46	6	Mg	504	17	. . do . .	J	D	. . .	50	596	Supplies 1 family. Drilled in 1953.
W-15	W. H. Berryman . .	. . . . .	D	23.7	5	Mg	503	16.7	. . do . .	M	D	64	125	858	Water reported to have high iron content.
W-16	Lynn Sparks.	. . . . .	D	47.7	5	Mh	505	43.6	10- 7-55	. . .	N	. . .	. . .	. . .	
W-17	Price Hardwick . . .	Bud Copeland. . .	D	48.7	6	Mg	495	29.1	. . do . .	M	D	62	60	2,058	Supplies 6 people.
W-18	Richard H. Lynn. . .	Fred Thompson .	D	106.4	6	Mt	543	46.4	6- 4-56	M	D	63	238	62	Supplies 5 people. Sulfurous.
W-19	J. A. Bradford. . . .	Bud Copeland. . .	D	85.4	6	Mt	489	20.1	6- 5-56	J	D	. . .	139	302	Sulfurous. Drilled in 1956.
*W-20	Grady L. Pace. . . .	Charles Richey. .	D	114.8	6	Mg	547	49.6	6- 4-56	M	D	62	3,361	326	Observation well. Sulfurous. Water reported to contain soda.
W-21	Howard South	Bud Copeland. . .	D	31.4	6	Mg	588	10.9	5-23-56	. . .	N	. . .	. . .	. . .	Water reported to have soda taste.
W-22	Floyd Chaney	. . . . .	D	343	6	Mg	597	54.3	. . do . .	. . .	N	. . .	. . .	. . .	Water reported to have soda taste. Electric log in files of U.S. Geol. Survey.
W-23	Olen Vandiver	. . . . .	D	45.9	6	Mt	664	33.3	6-19-56	M	D	61	2	118	Supplies 5 people.
W-24	W. C. Looney	. . . . .	S	. . . .	. . .	Mh	660	. . . .	11- 1-55	F	D	64	9	192	Known as "Barbara Spring." Supplies 12 people. Estimated discharge, 1.5 gpm on 11-1-55.
W-25	Horrace L. Coan . .	P. J. Chipolet . .	D	27.7	6	Mh	673	15.0	6-19-56	M	D	61	64	32	Supplies 4 people. Drilled in 1952.
W-26	O. C. Thompson. . .	. . . . .	S	. . . .	. . .	Mh	620	. . . .	11- 1-55	F	S	63	2	16	Known as "Thompson Spring." Estimated discharge, 1 gpm on 11-1-55.
W-27	J. G. Burrow.	. . . . .	D	108.8	6	Mh	766	82.8	7-22-56	J	D	63	13	30	Supplies 1 family.
W-28	John McClung.	. . . . .	D	62.8	6	Mh	745	47.7	. . do . .	M	D	62	35	108	Supplies 1 family. Casing: 6-in. to 17 ft.; none below.
W-29	Henry Gandy	Haden Morgen . .	D	157.9	6	Mg	580	62.9	6- 5-56	M	D	62	118	496	Supplies 5 people. Drilled in 1946.
W-30	Ed Reeves	. . . . .	D	194.0	6	Mt	561	35.9	7-24-56	J	D	62	20	368	Supplies 1 family. Drilled in 1946.
W-31	A. C. Allen.	. . . . .	D	112.4	6	Mh	770	86.9	4- 9-56	J	D	. . .	2	48	Supplies 2 families.

W-32	H. W. Johnson . . .	Warren Kent . . .	D	122.8	6	Mt	768	93.5	4- 9-56	M	D	61	2	34	Casing: 6-in. to 26 ft.; none below. Water reported to have iron taste.
W-33	Hattie Potter	. . . . .	D	32.8	6	Mh	743	15.7	7-22-56	J	D	61	20	20	Water reported to have iron taste.
W-34	B. P. Hatton	. . . . .	Du	25.9	36	Mh	730	14.0	. . do . .	M	D	. . .	. . .	. . .	Low in fall.
W-35	R. B. Coan	. . . . .	D	30.4	6	Mh	699	16.4	6-20-56	M	D	61	19	40	Supply inadequate.
W-36	G. W. Corsby	Bud Copeland . . .	D	84.5	6	Mh	700	54.5	6-19-56	M	D	62	6	14	Supplies 3 people.
W-37	M. C. Adkin	. . . . do	D	225	6	Mg	648	83.9	. . do . .	M	D	62	13	286	Casing: 6-in. to 65 ft.; none below.
W-38	Thummy Hall	. . . . .	S	. . . .	. . .	Mh	620	. . . .	9-15-55	F	S	62	2	10	Known as "Gin Hollow Spring." Estimated discharge, 1 gpm on 9-15-55.
W-39	L. J. Vandiver. . . .	. . . . .	D	69.3	6	Mh	670	54.9	6-19-56	M	D	62	6	26	Supplies 5 people.
W-40	J. H. Vandiver. . . .	Bud Copeland . . .	D	25.1	6	Mh	629	14.8	. . do . .	M	D	61	13	20	Supplies 2 people. Drilled in 1927.
W-41	Vincent Pace	. . . . .	D	40.0	6	Mh	637	6.2	. . do . .	M	D	. . .	6	30	Supplies 3 people.
W-42	Charlie Fratwell. . .	. . . . .	D	20.6	6	Mt	599	8.1	. . do . .	M	D	63	87	184	Supplies 5 people.
W-43	--Hacker.	. . . . .	S	. . . .	. . .	Mh	600	. . . .	9-15-55	F	S	62	0	52	Known as "Johnson Spring." Estimated discharge, 5 gpm on 9-15-55.
W-44	T. W. Kidd	Oscar Copeland .	D	51.2	6	Mt	631	28.6	6-20-56	M	D	. . .	47	62	Supplies 4 people. Casing: 6-in. to 4 ft.; none below.
W-45	Mrs. Bess Aycock .	. . . . .	D	46.1	6	Mh	655	24.9	. . do . .	M	D	62	2	24	Supply inadequate for 1 family.
W-46	Mrs. Luttie Kidd . .	. . . . .	D	32.3	6	Mh	661	10.0	. . do . .	M	D	. . .	. . .	. . .	Supplies 1 family.
W-47	Jim Vandigrift	. . . . .	D	40.9	6	Mh	711	23.5	7-22-56	M	D S	63	13	60	Supplies 2 to 4 families.
W-48	W. C. Ganey	. . . . .	D	102.9	6	Mt	727	56.6	. . do . .	M	D	. . .	. . .	. . .	Casing: 6-in. to 8 ft.; none below.
W-49	A. B. Kirby.	. . . . .	S	. . . .	. . .	Mh	520	. . . .	11- 2-55	F	S	63	2	110	Known as "Gum Spring." Measured discharge, 1.5 gpm on 11-2-55.
W-50	Ollie Aycock	. . . . .	D	. . . .	6	Mt	654	9.9	4- 6-56	M	D	58	13	66	Supplies 2 families.
W-51	H. E. Head	Warren Kent . . .	D	122.9	6	Mh	676	86.1	7-24-56	M	D	63	27	326	Casing: 6-in. to 16 ft.; none below. Water reported to have copper taste.
W-52	Mello Mayfield	. . . . do	D	108	6	Mh	633	34	4- 6-56	J	D	. . .	26	58	Supplies 5 people. Casing: 6-in. to 20 ft.; none below. Drilled in 1955.
W-53	. . . . do	. . . . .	D	. . . .	6	Mh	610	35.2	. . do . .	M	N	62	6	28	
W-54	J. H. Pennington . .	Warren Kent . . .	D	816	6	Mh	635	52.4	7-24-56	M	D	62	77	158	Supplies 1 family. Casing: 6-in. to 20 ft.; none below. Water reported to have copper taste. Drilled in 1955.
W-55	R. H. Pennington . .	. . . . do	D	34.5	6	S	674	13.1	. . do . .	M	D	63	20	16	Supplies 1 family.
W-56	Leslie Crosmack . .	. . . . .	D	32.9	6	S	646	18.0	. . do . .	M	D	63	6	20	Do.
W-57	C. E. Allen.	. . . . .	D	26.4	6	S	611	12.2	6-20-56	M	D	. . .	. . .	. . .	Do.

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (Cl)	Hardness as $CaCO_3$ (ppm)	
W-58	Harvey Uptain	Bud Copeland . . .	D	33.7	6	S	638	12.9	6-20-56	M	D	. . .	. . .	. . .	Supplies 8 people. Drilled in 1944.
W-59	C. J. Harrison. . . .	. . . . .	D	24.3	6	S	626	13.8	. . do . .	M	D	. . .	. . .	. . .	Supply inadequate.
W-60	Tom Kidd	. . . . .	S	. . . .	. . .	Mh	610	. . . .	9-15-55	F	S	66	9	16	Known as "Kidd Spring." Estimated discharge, 2 gpm on 9-15-55.
W-61	V. P. Bennett	. . . . .	D	35.4	5	Mh	630	23.0	6-20-56	M	D	61	9	58	Supplies 5 people.
W-62	Cecil Clemment . . .	. . . . .	D	15.8	6	S	604	12.9	. . do . .	M	D	. . .	. . .	. . .	Do.
W-63	Oscar Martin.	Dale Copeland . .	D	203	6	S	595	8.0	. . do . .	J	D	. . .	23	320	Supplies 5 people. Drilled in 1950.
W-64	A M. Murray	. . . . .	D	22.5	6	Mb	597	10.4	. . do .	J	D	60	100	230	Supplies 2 people.
W-65	A. C. Witt	P. J. Chipolet . .	D	40	6	S	606	4.8	6-19-56	M	D	63	2	94	Casing: 6-in. to 10 ft.; none below. Drilled in 1953.
W-66	W. C. Hacker	. . . . do	D	42.7	6	Mb	596	11.9	6-20-56	M	D	61	50	410	Supplies 8 people. Drilled in 1950.
X- 1	Earl Grissom.	. . . . .	D	73.6	6	Mt	571	40.7	5-21-56	M	D	62	16	230	Supplies 5 people.
X- 2	H. J. Holland.	. . . . .	D	38.7	5	Mt	566	20.9	5-23-56	. . .	N	. . .	. . .	. . .	
X- 3	Ben Harris	. . . . .	D	52.1	5	Mt	566	13.4	. . do . .	M	D	61	2	146	Supplies 7 people.
X- 4	D. H. McCormack .	Mathew Roden . .	D	59.1	6	Mg	589	19.5	. . do . .	M	D	63	57	294	Supplies 7 people. Sulfurous.
X- 5	H. J. Holland.	. . . . .	D	60.0	6	Mt	587	31.3	. . do . .	M	D	62	13	138	Supplies 1 family.
X- 6	W. B. Cambell. . . .	. . . . .	D	74.1	6	Mt	572	14.9	6-15-56	M	D	. . .	81	64	Supplies 3 people. Sulfurous.
X- 7	A. L. Pennington . .	Bud Copeland . . .	D	90.7	6	Mg	587	35.4	. . do . .	M	D	63	30	268	Supplies 2 people. Drilled in 1925.
X- 8	O. H. Grissom. . . .	. . . . do	D	95.3	6	Mt	595	94.6	. . do . .	M	D	. . .	. . .	. . .	Low at times.
X- 9	Harold Hatton.	. . . . .	S	. . . .	. . .	Mh	. . . .	. . . .	11-15-55	F	D S	62	2	18	Known as "Hatton Spring." Estimated discharge, 1 gpm on 11-15-55.
X-10	Julia Dodson	P. J. Chipolet . .	D	40.9	6	Mh	593	14.1	6-15-56	M	D	63	2	38	Supplies 7 people. Drilled in 1950.
X-11	S. A. Wood	John Carpenter. .	D	46.9	10	Mh	651	36.2	. . do . .	M	D	62	13	26	Supplies 2 families.

X-12	V. W. Masterson . .	Bud Copeland . . .	D	48.2	6	Mh	617	20.3	6-18-56	M	D	62	30	104	Supplies 3 people. Drilled in 1932.
X-13	H. C. Moreland . . .	. . . . do	D	36.7	6	Mh	613	33.5	. . do . .	. . .	N	. . .	. . .	. . .	Drilled in 1936.
X-14	F. E. Boatwright . .	. . . . do	D	71.2	8	Mh	603	40.3	. . do . .	M	S	63	0	8	Supplies 5 head of stock.
X-15	Troy Thompson . . .	. . . . .	D	29.1	6	S	572	7.8	6-19-56	M	N	. . .	40	142	

Table 2. --Partial chemical analyses of water from wells and springs in Colbert County, Ala.

Analyses by U.S. Geological Survey.

Water-bearing formations: Mt, Tuscumbia limestone; Mfp, Fort Payne chert; Mg, Gasper formation; Kt, Tuscaloosa group.

Well numbers correspond with those in plate 1 and table 1.

Well	Date of collection	Water-bearing formation	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH
															Total	Non-carbonate		
E- 4	11-22-55	Kt	...	0.01	1.0	....	0.9	....	6	0	1.0	1.2	0.0	0.1	6	1	14.3	6.3
E-10	5- 4-56	Mt	14	.02	62	18	3.8	....	224	0	3.0	24	.3	4.7	229	45	452	8.0
Do.	11-20-56	Mt	...	.00	55	22	8.7		225	0	15	23	2.8	8.1	228	43	454	7.5
E-65	5- 4-56	Mt	11	.01	76	2.5	3.8	....	206	0	12	7.0	.2	.0	200	31	411	7.9
Do.	11-20-56	Mt	...	.00	85	17	23		238	0	106	18	.5	.0	282	87	593	7.5
E-68	5-12-58	Mt	...	.00	62	3.8	2.3	....	202	0	4.8	2.0	.0	2.5	170	4	328	7.7
F- 4	5-21-58	Mt	...	.00	55	4.6	3.7	....	192	0	4.0	2.0	.0	.2	156	0	302	7.9
F- 7	11-22-55	Mt	...	.00	60	....	1.4	....	192	0	.8	1.0	.0	3.2	169	12	302	7.4
Do.	11-23-56	Mt	...	.04	59	2.2	1.4		184	0	2.2	1.5	.1	3.9	156	5	298	7.6
H-15	11-29-55	Mfp	...	.00	27	....	10	....	72	0	16	22	.0	.1	89	30	221	7.1
H-19	11-23-56	Mfp	...	.00	34	3.2	3.9		119	0	3.5	2.0	.2	2.4	98	0	201	7.2
Do.	5- 4-56	Mfp	12	.02	34	5.1	3.1	....	116	0	.5	1.0	.1	.8	106	11	290	7.4
I- 5	11-23-56	Mfp	...	.00	22	3.2	6.4		92	0	1.5	2.0	.1	.8	68	0	135	7.1
Do.	11-22-55	Mfp	...	.01	23	....	1.1	....	82	0	.5	1.2	.0	1.2	72	5	132	7.2
I-48	11-23-56	Mfp	...	.01	19	3.0	1.8		70	0	1.2	1.5	.1	3.5	60	2	122	7.3
Do.	11-22-55	Mfp	...	.00	17	....	1.2	....	68	0	.5	1.2	.1	2.7	62	6	119	7.0
K-21	6-18-56	Mt	...	.00	48	10	8.0		179	0	21	6.2	.5	.1	161	14	328	7.9
Do.	11-23-56	Mt	...	.00	54	11	11		210	0	19	6.0	.7	.8	180	8	370	7.5
M- 3	.. do ..	Mfp	...	.01	46	11	16		205	0	14	7.0	1.1	.0	160	0	351	7.9

M- 3	5- 4-56	Mfp	9.8	0.01	48	13	12	....	216	0	10	4.0	1.0	0.0	173	0	346	8.3
M- 9	4-21-58	Mt	....	.01	67	9.0	3.0	....	244	0	4.2	4.2	.0	2.7	204	4	394	7.5
M-11	9-22-56	Mt Mfp	....	.01	69	4.9	3.9		236	0	4.2	1.5	.2	.1	192	0	367	7.5
M-20	4-10-56	Mt	7.7	.23	43	1.2	1.5	0.7	133	0	3.2	2.2	.1	5.9	112	3	224	7.3
Do.	11-23-56	Mt	....	.00	65	2.9	3.2		202	0	5.5	4.5	.2	3.6	170	4	337	7.4
Do.	11-22-55	Mt	....	.00	65	....	3.6	....	204	0	3.0	2.8	.1	4.3	176	9	331	7.5
M-23	11-30-55	Mt	....	.00	62	....	5.5	....	201	0	5.5	3.8	.0	3.1	176	11	331	7.4
M-123	11-23-56	Mt	....	.00	69	17	8.3		287	0	12	7.0	.9	.0	242	7	463	7.6
Do.	5- 4-56	Mt	13	.00	64	13	3.1	....	234	0	13	4.0	.5	.0	213	21	381	8.1
W- 2	11-23-56	Mg	....	.11	8.4	7.1	908		1,550	0	165	400	7.1	.5	50	0	3,590	7.6
Do.	6-18-56	Mg	....	.00	4.0	9.7	858		1,530	20	120	350	3.6	.6	50	0	3,400	8.4
W-20	. . do . .	Mg	....	.00	44	71	....	....	1,230	0	290	2,700	7.5	15	402	0	9,400	7.6
Do.	11-17-56	Mg	....	.02	35	46	2,110		1,360	0	180	2,520	6.4	.4	276	0	9,290	8.1

1 - PLATE

GEOLOGICAL SURVEY OF ALABAMA

EXPLANATION

Well used for municipal, industrial, or irrigation supply

Well used for domestic or stock supply

Unused well

Oil well or oil test well

Spring

Test well

(12)

Water analyzed

Paved road

Gravel or soil road

U.S. highway

State highway

County highway

TENNESSEE

MISSISSIPPI

RESERVOIR

WILSON

RIVER

LAWRENCE COUNTY

FRANKLIN COUNTY

Cherokee

Barton

Allsboro

Tuscumbia

Muscle Shoals

Sheffield

Leighton

Littleville

COLBERT CO.

FRANKLIN CO.

T 2 S

T 3 S

T 4 S

T 5 S

R 15 W

R 14 W

R. 13 W.

R 12 W

R 11 W.

R 10 W.

R 9 W

88° 05

88° 00'

87° 55'

87° 50'

87° 45'

87° 40'

87° 35'

34° 50'

34° 45'

34° 40'

34° 35'

34° 45'

34° 40'

Approximate Mean Declination 1955

Miles

Map adapted from Tennessee Valley Authority Quadrangle Series

Prepared by United States Geological Survey in cooperation with Geological Survey of Alabama

MAP SHOWING WELLS AND SPRINGS IN COLBERT COUNTY, ALABAMA